DEPARTMENT OF AGRICULTURE

Henry A. Wallace, Secretary

RURAL ELECTRIFICATION ADMINISTRATION

Harry Slattery, Administrator

DIVISION OF ENGINEERING AND OPERATIONS

C. A. Winder, Director

RESEARCH ENGINEERING SECTION

M. M. Samuels, Chief Research Engineer

First Annual Survey

FIRST ANNUAL SURVEY

OF

INDUSTRIES SUPPLIED WITH ELECTRIC ENERGY BY REA LINES

January, 1940

January, 1940

PART I

Arranged by Classes and Types of Industries.
By States and REA Regions.

(Note: Part II, arranged by REA systems, to follow)

LETTER OF SUBMITTAL

Hon. Harry Slattery, Administrator

There is submitted herewith Part I of the first Annual Survey of industries supplied with electric power by REA lines, arranged by classes and types of industries, by states and REA regions. Part II, showing breakdowns by REA systems, will follow.

It is a factual presentation, consisting of tabulations and charts, so self-evident that a textual presentation seems unnecessary.

It is the first presentation of a foundation of basic and derived data, that economists and all those interested in the study of migration of industries, the location of industries in rural areas and related subjects, have long sought. Means should be found to make these data available to them.

It is interesting to note that 395 REA systems, representing 72% of all energized REA systems, report a total connected industrial load of approximately 57,250 KVA. There are indications that the industrial connected load on REA systems represent well over 20% of the aggregate capacity of the power supply sources.

There are 113 different types of industry receiving power from REA lines. For the practical purposes these are arranged in nine (9) main classes.

An economic analysis is indicated on numerous subjects. How many industries existed prior to the electrification of the area and how many sprang up new since electrification? How many of the industries are cooperative and how many owned by individuals? What is the direct revenue of the farmers from working in these industries; the

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There are 113 different types of industry receiving power from REA lines. For the practical purposes these are arranged in nine (9) main classes.

An economic analysis is indicated on numerous subjects. How many industries related prior to the electrification of the area and how many sprung up new since electrification? How many of the industries are cooperative and how many owned by individuals? What is the direct revenue of the farmers from working in these industries; the

revenue from selling agricultural products to the industrial workers, or the revenue from farm products used by these industries that otherwise would be wasted? However, it was considered inadvisable to withhold the data pending the preparation of these and similar analytical studies.

The question of the influence of electric rates on the migration of industries has been in the minds of many students of power and rates. Except for a few industries in which power represents a very considerable portion of the cost of the product, such as the aluminum industry, no conclusive data are available on the subject. In view of the fact that none of the REA systems ~~are~~ is as yet fully developed, it was considered premature to undertake such an investigation at present. Correspondence in relation to many applications from industrial establishments for REA power indicates however that in many instances industries have actually moved and are now moving from urban to rural areas due to the lower electric rates offered by REA cooperatives. It is hoped that it will be possible to present more definite data on this subject in subsequent reports.

It is important to emphasize that all the industries listed in this report were connected to REA lines without direct promotional effort on the part of REA. While the report does not indicate how many of the industries did not exist prior to the availability of REA power, the day-to-day review of applications for power definitely indicates that a considerable proportion of them are new industries that would not have existed at all if it were not for the availability of power.

Thus, we have here, perhaps, the most outstanding example of stimulation of individual business initiative by the existence of a

governmental activity.

The beginning made so far is a mere indication of what could be accomplished along the line of decentralization of industry and migration of industries to rural areas by systematic promotion, even without financial assistance by the Government. The social implications have been discussed so fully by competent authorities and are now so self-evident, that a repetition here would be a mere redundancy.

To those engaged in the study of National Defense the report may point to the possibility of making some national defense industries less vulnerable by scattering them throughout the country in rural areas.

In the Fall of 1938 applications for power for industrial use began coming in to various project offices in considerable numbers and were referred by them to REA headquarters. At that time the great problem was to build lines and more lines and every effort of the REA staff was bent on building as many miles of lines as possible as cheaply as possible. Mr. L. P. Slattery was assigned the task of studying all applications as to the feasibility of rendering service to the industries from an engineering and economic viewpoint and related problems. He injected the social viewpoint of the importance of industries in rural areas not only to these rural areas but to the life of the country as a whole. He solved the very difficult problem of establishing a definite procedure for securing and analyzing the necessary data, the engineering computations and rate computations, so that now this work is being carried on as a matter of routine. In view of the enormous diversity of the 113 types of industries, scattered throughout the REA systems, the diversity of the engineering features, rate features, relationship of the specific industrial load to the whole load, and similar features of a greatly diversified character, this is no mean achievement. He was

ably assisted by D. A. Wicker, who is in charge of details and procedure. The tabulation and arrangement of data for this report was carried out competently by S. Lubin.

It is gratifying to note that the coverage is practically complete. Reports are outstanding from only 5 of a total of 655 projects, and an expression of appreciation to all Project Superintendents for their cooperation is in order.

Respectfully submitted,

M. M. Samuels
Chief Research Engineer

Approved:

C. A. Winder 5/9/40
Director of Engineering and Operations

TABLE OF CONTENTS

INDUSTRIAL LOAD SURVEY
(Loads of 5 KVA and Larger)

REA SYSTEMS REPORTING

As of January 1940

ENERGIZED SYSTEMS SURVEYED: 551 with 187,666 Miles of Line

Systems Reporting Industrial Loads:		395 or 72%
Energized over 2 years	125--23%	
Energized 1 to 2 years	178--32%	
Energized Less than 1 year	92--17%	
Systems Reporting No Industrial Loads:		156 or 28%
Energized over 2 years	32-- 6%	
Energized 1 to 2 years	55--10%	
Energized less than 1 year	69--12%	

TABULATION OF (113) INDIVIDUAL TYPES OF INDUSTRIES

. CLASSIFIED INDIVIDUAL INDUSTRIES
U. S. TOTALS
REA Systems, January 1940

AVERAGE CONNECTED LOAD OF INDUSTRIES ON REA LINES

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large farm use	1,512	8,211	5.4
2. Irrigation	507	8,785.5	20.6
3. Cotton gins	108	7,375.5	68.3
4. Cranberry marshes	1	5	5
5. Cold Storage (general)	8	122.5	11.6
6. Cold Storage (locker)	8	197.5	24.7
7. Farmers' Cooperatives	3	32.5	10.8
8. Fur farms	9	120	13.4
9. Fruit and Vegetable graders and washers	14	140	10
10. Fair Associations	1	25	25
11. Fish hatcheries	3	17.5	5.8
12. Game farms	1	7.5	7.5
13. Hatcheries, poultry farms and brooders	37	267.5	7.2
14. Nurseries and experimental stations	5	54.5	10.9
15. Water pumps	11	103	9.4
16. Refrigeration	4	33.5	8.4
17. Seed cleaning, drying and packing	19	156	8.2
18. Corn shelling	3	115	57.5
II. Governmental Services, Utilities and Institutions			
1. Airplane beacons	15	92.5	6.2
2. Airplane Fields	5	40	8
3. C.C.C. Camps	56	540	9.3
4. National Park Service	6	117.5	19.6
5. Radio Range Stations	5	50	10
6. U. S. Dams and Buildings	5	170	34
7. U. S. Army and Navy	3	490	163.3

AVERAGE CONNECTED LOAD OF INDUSTRIES ON REA LINES

Industry	Total No. Served	Total Load KVA	Average Load per Industry
8. Lighthouses	1	35	35
9. Soil Conservation Service	6	72.5	12.1
10. State Parks	13	350	27
11. Prisons and Prison Farms	6	342.5	57.1
12. County Farms	1	5	5
13. Schools	83	1,656.5	19.9
14. Municipal (general)	6	76.5	12.8
15. Municipal (water supply)	47	891	19
16. Sewage disposal	3	22.5	7.5
17. Street Lighting	8	57.5	7.2
18. Community Centers	3	130	43.3
19. Wholesale Light and Power	4	135	33.8
20. Public Utilities (Miscellaneous)	4	65	16.3
21. Railroad Stations	4	32.5	8.1
22. Railroad Round Houses	1	75	75
23. Railroad Pumps	8	225	28.1
24. Coal Docks	4	135	33.8
25. Gymnasiums	2	25	12.5
26. Sanitariums	3	476	158.7
27. Orphan Homes	5	252.5	50.5
28. Radio Broadcasting Stations	1	450	450
III. Food Processing			
1. Beverage Bottling	1	5	5
2. Canning Factories	3	55	18.3
3. Cheese Factories	62	447.5	7.3
4. Dairies	151	1,834	12.2
5. Distilleries	2	97.5	48.8
6. Animal and Fowl Foods	176	2,394.5	13.6
7. Flour Mills	12	463	42.1
8. Grain Elevators	93	1,613.5	17.3
9. Ice Plants	14	345	24.7

AVERAGE CONNECTED LOAD OF INDUSTRIES ON REA LINES

Industry	Total No. Served	Total Load KVA	Average Load per Industry
10. Fruit Packing Plants	24	252.5	10.4
11. Sausage Factories	1	7.5	7.5
12. Sugar Beet Dumps and Refineries	5	96	19.2
13. Sugar Cane Presses and Refineries	2	35	17.5
14. Slaughter Houses	7	76	10.9
15. Bakeries	1	5	5
16. Cotton Oil Mills	2	1,125	562.5
17. Dehydrating Plants	1	200	200
IV. Forest Products			
1. Box Factories	4	32.5	5.6
2. Furniture Factories	4	50	12.5
3. Lumber Yards and Planing Mills	20	370	18.5
4. Sawmills	15	245	16.4
5. Woodworking Plants	7	47.5	6.8
V. Mineral Products			
1. Asphalt Plants	1	15	15
2. Coal Mines	21	525	25
3. Oil Mines	2	15	7.5
4. Oil Well Pumps	17	279	16.4
5. Oil Refineries	3	45	15
6. Roller Mills	1	15	15
7. Graphite Mines	1	75	75
8. Phosphate Mines	1	15	15
VI. Stone, Clay and Glass Products			
1. Brick and Tile Manufacturing	7	780	111.4
2. Brick Yards			
3. Miscellaneous Clay Products	7	495	70.6

AVERAGE CONNECTED LOAD OF INDUSTRIES ON REA LINES

Industry	Total No. Served	Total Load KVA	Average Load per Industry
4. Felspar and Fluorospar Plants	5	300	60
5. Glass, Sand processing	2	150	75
6. Rock Crushing	6	417.5	69.6
7. Shale Quarries	1	105	105
8. Stone Quarries	10	857.5	85.8
9. Gravel Plants	14	1,840	167.3
10. Cement Factories	1	3,750	3,750
11. Lime Manufacturing	1	600	600
VII. Miscellaneous Industrial and Commercial Consumers			
1. Machine Shops, Blacksmith Shops and Blowers	22	196.5	8.9
2. Welders	9	70	7.8
3. Tobacco and Cigarette Manufacturers	6	71	11.8
4. Novelties Manufacturing	1	7.5	7.5
5. Auto Body Building	1	7.5	7.5
6. Household Appliances Manufacturing	4	665	166.3
7. Amusement Halls	19	147.5	7.8
8. Amusement Parks	9	60	7.5
9. Construction Companies	2	12.5	6.3
10. Racetracks	1	50	50
11. Hotels	20	370	18.5
12. Motion Picture Theaters	8	243	30.4
13. Resort and Tourist Camps	30	270	9
14. Stores, Offices, Filling Stations and Taverns	76	556.5	7.3
VIII. Textiles and Textile Products			
1. Bedspread Manufacturing	4	100	25
2. Clothing Manufacturing	7	484.5	69.2

AVERAGE CONNECTED LOAD OF INDUSTRIES ON REA LINES

Industry	Total No. Served	Total Load KVA	Average Load per Industry
3. Hosiery Mills	4	495	122.5
4. Knitting Mills	1	5	5
5. Silk and Rayon Products Manufacturing	1	75	75
6. Miscellaneous Textile Manufacturing	2	155	77.5
IX. Chemicals			
1. Munitions Manufacturing	2	22.5	11.3
2. Fertilizers	4	50	12.5
3. Rendering Plants	1	75	75
4. Tung Oil Plants	1	75	75
5. Electrolysis	1	5	5
6. Paint and Pigment Manufacturing	1	45	45

DEPARTMENT OF AGRICULTURE

RURAL ELECTRIFICATION ADMINISTRATION

DIV. OF ENGINEERING & OPERATIONS — ENGINEERING RESEARCH SECTION

CONNECTED INDUSTRIAL LOADS ON R.E.A. LINES

NUMBER OF INDUSTRIAL ESTABLISHMENTS PER 100 MILES OF LINE

ALABAMA	1.71
ARIZONA	10.75
ARKANSAS	.57
CALIFORNIA	3.34
COLORADO	5.79
CONNECTICUT	------ NO R.E.A. LINES.
DELAWARE	.24
FLORIDA	.99
GEORGIA	.95
IDAHO	9.08
ILLINOIS	.74
INDIANA	1.58
IOWA	1.87
KANSAS	2.01
KENTUCKY	2.16
LOUISIANA	.59
MAINE	1.47
MARYLAND	8.62
MASSACHUSETTS	------- NO R.E.A. LINES.
MICHIGAN	2.13
MINNESOTA	.66
MISSISSIPPI	2.92
MISSOURI	3.30
MONTANA	2.86
NEBRASKA	5.09
NEVADA	9.70
NEW HAMPSHIRE	0
NEW JERSEY	.62
NEW MEXICO	44.75
NEW YORK	------- NO REPORT
NORTH CAROLINA	.27
NORTH DAKOTA	1.48
OHIO	.86
OKLAHOMA	1.06
OREGON	5.40
PENNSYLVANIA	.87
RHODE ISLAND	------ NO R.E.A. LINES.
SOUTH CAROLINA	.43
SOUTH DAKOTA	.71
TENNESSEE	4.64
TEXAS	1.39
UTAH	1.47
VERMONT	2.36
VIRGINIA	.67
WASHINGTON	9.47
WEST VIRGINIA	.33
WISCONSIN	1.48
WYOMING	.62
T.V.A. AVERAGE	3.64
U.S. AVERAGE	1.88

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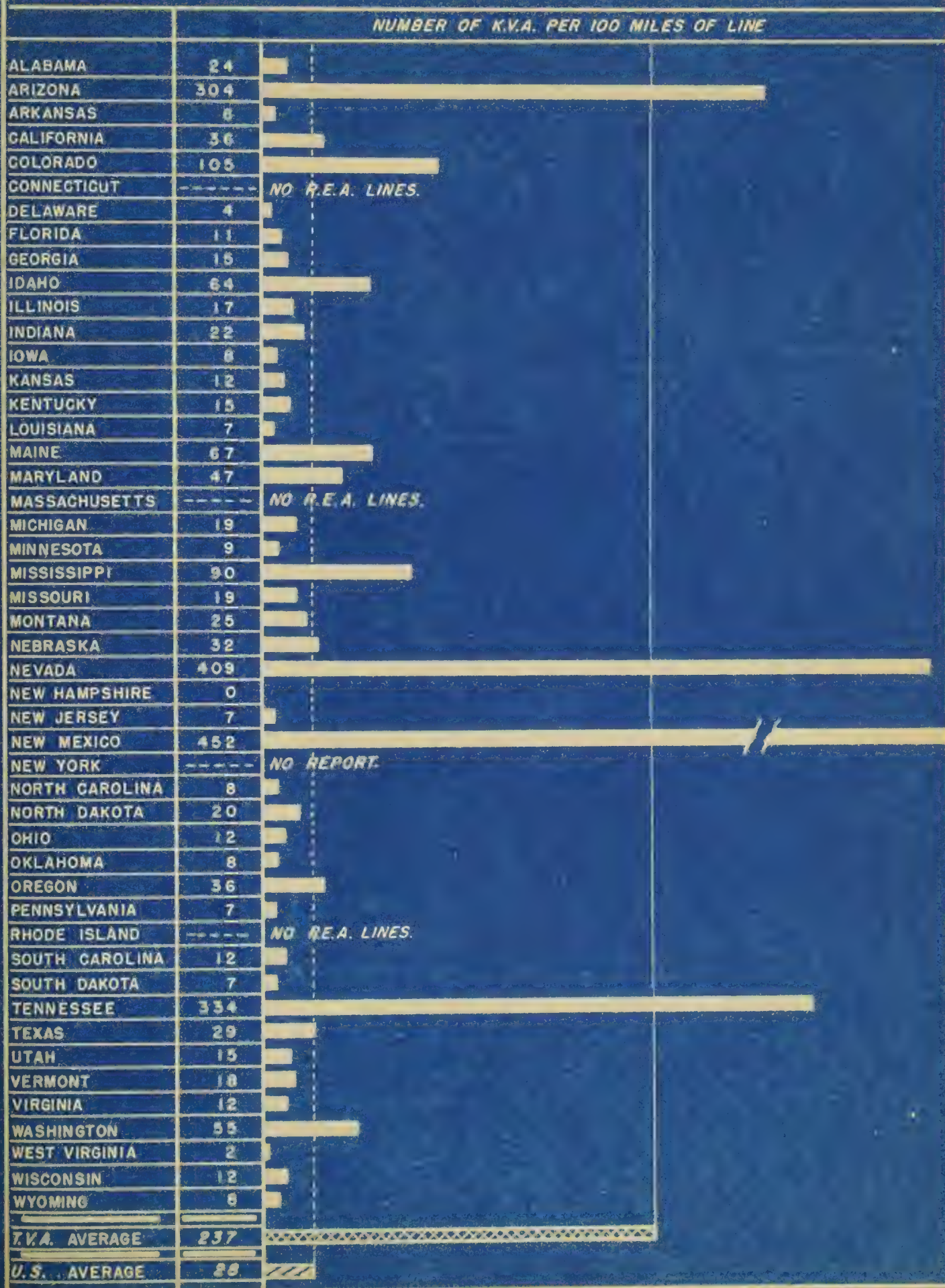
DIV. OF ENGINEERING & OPERATIONS — ENGINEERING RESEARCH SECTION

CONNECTED INDUSTRIAL LOADS ON R.E.A. LINES



DEPARTMENT OF AGRICULTURE

RURAL ELECTRIFICATION ADMINISTRATION

DIV. OF ENGINEERING & OPERATIONS — ENGINEERING RESEARCH SECTION

CONNECTED INDUSTRIAL LOADS ON *R.E.A.* LINES

I — NUMBER OF ESTABLISHMENTS

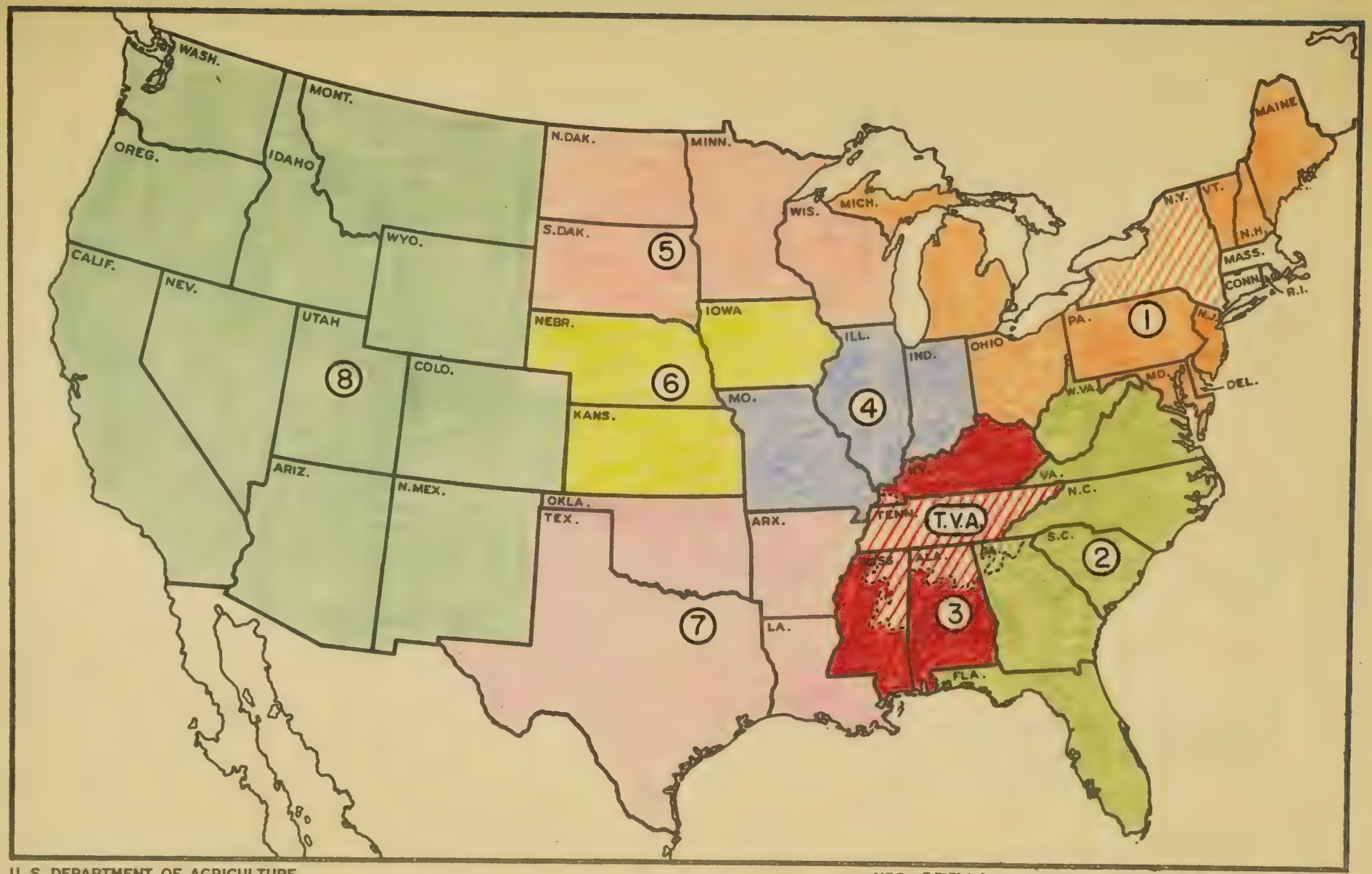
FARM INDUSTRIES	2254
GOVERNMENTAL SERVICES, UTILITIES & INSTITUTIONS	308
FOOD PRODUCTS	557
FOREST PRODUCTS	50
MINERAL PRODUCTS	47
STONE, CLAY AND GLASS PRODUCTS	54
MISC. INDUSTRIAL AND COMMERCIAL CONSUMERS	208
TEXTILES AND TEXTILE PRODUCTS	19
CHEMICALS	10

II — CONNECTED LOADS (KVA.)

FARM INDUSTRIES	25,769
GOVERNMENTAL SERVICES, UTILITIES & INSTITUTIONS	7,010
FOOD PRODUCTS	9,052
FOREST PRODUCTS	746
MINERAL PRODUCTS	984
STONE, CLAY AND GLASS PRODUCTS	9,295
MISC. INDUSTRIAL AND COMMERCIAL CONSUMERS	2,727
TEXTILES AND TEXTILE PRODUCTS	1,315
CHEMICALS	273

III — AVERAGE LOAD PER ESTABLISHMENT (KVA.)

FARM INDUSTRIES	11.4
GOVERNMENTAL SERVICES, UTILITIES & INSTITUTIONS	22.8
FOOD PRODUCTS	16.3
FOREST PRODUCTS	14.9
MINERAL PRODUCTS	20.9
STONE, CLAY AND GLASS PRODUCTS	172.1
MISC. INDUSTRIAL AND COMMERCIAL CONSUMERS	13.1
TEXTILES AND TEXTILE PRODUCTS	69.2
CHEMICALS	27.3



U. S. DEPARTMENT OF AGRICULTURE NEG. 27744 BUREAU OF AGRICULTURAL ECONOMICS

R.E.A. REGIONS

ALL INDUSTRIAL SERVICES
BY REA REGIONS
As of January 1940

AVERAGE CONNECTED LOAD OF INDUSTRIES ON REA LINES

Industry	Total No. Served	Total Load KVA	Average Load per Industry
Region I	304	3,091	10.2
Region II	184	3,146.5	17.1
Region III	653	25,837	39.6
Region IV	360	4,512	12.5
Region V	254	2,783	11
Region VI	647	3,958	6.1
Region VII	353	6,048	17.1
Region VIII	752	7,793.5	10.3
TVA Area (Also included in regional data)	376	24,559.5	65.1
U.S. TOTAL	3,507	57,169	16.3

GENERAL INDUSTRIAL CLASSIFICATION
U. S. TOTALS
as of Jan. 1940

AVERAGE CONNECTED LOAD OF INDUSTRIES ON REA LINES

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries	2254	25,769	11.4
II. Governmental Services			
Utilities and Institution	308	7,010	22.8
III. Food Processing	557	9,052	16.3
IV. Forest Products	50	745	14.9
V. Mineral Products	47	984	20.9
VI. Stone, Clay and Glass			
Products	54	9,295	172.1
VII. Miscellaneous Industrial and			
Commercial Consumers	208	2,727	13.1
VIII. Textiles and Textile			
Products	19	1,314.5	69.2
IX. Chemicals	10	272.5	27.3
	3507	57,169	16.3

NUMBER OF INDUSTRIES, TOTAL CONNECTED LOADS, LARGEST, SMALLEST AND AVERAGE LOAD — ALL INDUSTRIES, BY STATES AND REA REGIONS

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group All Industries
Type of Industry

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine	1	45	45	45	45
New Hampshire	0	0	0	0	0
Vermont	4	20	5	5	5
New Jersey	2	22.5	15	7.5	11.3
Pennsylvania	31	252.5	20	5	8.1
Delaware	2	30	15	15	15
Maryland	20	110	10	5	5.5
Michigan	149	1,195.5	105	5	8
Ohio	95	1,415.5	150	5	14.9
TOTAL	304	3,091	150	5	10
REGION II					
West Virginia	1	5	5	5	5
Virginia	28	489	112.5	5	17.5
North Carolina	13	325	150	5	25
South Carolina	15	397.5	150	5	26.7
Georgia	110	1,745	450	5	15.8
Florida	17	185	75	5	10.9
TOTAL	184	3,146.5	450	5	17.1
REGION III					
Alabama	76	838	15	5	11.0
Kentucky	143	962.5	30	5	6.7
Mississippi	175	5,412.5	600	5	31.0
Tennessee	259	18,624.0	3,750	5	71.6
TOTAL	653	25,837	3,750	5	39.4
REGION IV					
Illinois	74	1,701.5	195	5	23
Indiana	121	1,702	225	5	14.1
Missouri	165	1,108.5	30	5	6.7
TOTAL	360	4,512	225	5	12.5

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INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	137	1,153	55	5	8.4
Minnesota	94	1,328	150	5	14
North Dakota	20	272.5	27.5	5	13.6
South Dakota	3	29.5	12	7.5	9.8
TOTAL	254	2,783	150	5	11
REGION VI					
Kansas	80	470	15	5	5.9
Nebraska	330	2,069.5	45	5	6.3
Iowa	237	1,418.5	25	5	6.0
TOTAL	647	3,958	45	5	6.1
REGION VII					
Arkansas	27	272.5	75	5	10.1
Louisiana	16	177.5	30	5	11.1
Texas	243	5,095.5	200	5	21
Oklahoma	67	502.5	25	5	7.5
TOTAL	353	6,048	200	5	17.1
REGION VIII					
Arizona	10	282.5	150	7.5	28.3
Nevada	10	421.5	75	5	42.2
New Mexico	231	2,327.5	85	5	10.1
Idaho	146	1,025.5	50	5	7.2
Colorado	107	1,954.5	35	5	18.3
Utah	6	60	15	5	10
Montana	39	336	75	5	8.6
Wyoming	13	162.5	45	5	12.5
Washington	147	857.5	17.5	5	5.8
Oregon	24	160	10	5	6.7
California	19	206	45	5	10.8
TOTAL	752	7,793.5	150	5	10.2
U. S. Total	3,507	57,169	3,750	5	16.3

NUMBER OF INDUSTRIES, TOTAL LOAD, AVERAGE LOAD --
BY MAIN CLASSES OF INDUSTRY AND BY REA REGIONS

GENERAL INDUSTRIAL CLASSIFICATION

REGIONAL TOTALS FOR REA SYSTEMS, JANUARY 1940

AVERAGE CONNECTED LOAD OF INDUSTRIES ON REA LINES

Industry	Total No. Served	Total Load KVA	Average Load per Industry
REGION I			
I. Farm Industries	180	1,042.5	5.8
II. Governmental Services, Utilities and Institutions	41	675.5	16.5
III. Food Processing	35	421.5	12
IV. Forest Products	8	112.5	14.1
V. Mineral Products	12	101.5	8.5
VI. Stone, Clay and Glass Products	8	532.5	66.5
VII. Miscellaneous Industries and Commercial Consumers	17	182.5	10.7
VIII. Textiles and Textile Products	--	---	
IX. Chemicals	3	22.5	7.5
TOTAL REGION I	304	3,091	10
REGION II			
I. Farm Industries	76	972.5	12.8
II. Governmental Services, Utilities and Institutions	26	490	18.8
III. Food Processing	51	436.5	8.6
IV. Forest Products	5	55	11
V. Mineral Products	1	15	15
VI. Stone, Clay and Glass Products	6	200	33.3
VII. Miscellaneous Industries and Commercial Consumers	8	42.5	5.3
VIII. Textiles and Textile Products	3	160	53.4
IX. Chemicals	1	75	75
TOTAL REGION II	177	2,446.5	13.8

GENERAL INDUSTRIAL CLASSIFICATION

REGIONAL TOTALS FOR REA SYSTEMS, JANUARY 1940

AVERAGE CONNECTED LOAD OF INDUSTRIES ON REA LINES

Industry	Total No. Served	Total Load KVA	Average Load per Industry
REGION III			
I. Farm Industries	206	1,197.5	5.8
II. Governmental Services, Utitities and Institutions	35	365	10.4
III. Food Processing	15	137.5	9.2
IV. Forest Products	1	7.5	7.5
V. Mineral Products	7	95	13.6
VI. Stone, Clay and Glass Products	2	35	17.5
VII. Miscellaneous Industries and Commercial Consumers	18	140	7.8
VIII. Textiles and Textile Products	---	---	
IX. Chemicals	---	---	
TOTAL REGION III	284	1,977.5	7
REGION IV			
I. Farm Industries	231	1,604.5	7
II. Governmental Services, Utilities and Institutions	18	385.5	21.4
III. Food Processing	67	1,123	16.8
IV. Forest Products	2	52.5	26.3
V. Mineral Products	12	385	32.1
VI. Stone, Clay and Glass Products	10	777.5	77.8
VII. Miscellaneous Industries and Commercial Consumers	19	179	9.4
VIII. Textiles and Textile Products	---	---	
IX. Chemicals	1	5	5
TOTAL REGION IV	360	4,512	12.5

GENERAL INDUSTRIAL CLASSIFICATION

REGIONAL TOTALS FOR REA SYSTEMS, JANUARY 1940

AVERAGE CONNECTED LOAD OF INDUSTRIES ON REA LINES

Industry	Total No. Served	Total Load KVA	Average Load per Industry
REGION V			
I. Farm Industries	68	447.5	6.6
II. Governmental Services, Utilities and Institutions	18	183	10.2
III. Food Processing	131	1,670	12.8
IV. Forest Products	5	50	10
V. Mineral Products	---	---	
VI. Stone, Clay and Glass Products	1	22.5	22.5
VII. Miscellaneous Industries and Commercial Consumers	28	315	11.3
VIII. Textiles and Textile Products	---	---	
IX. Chemicals	3	95	31.8
TOTAL REGION V	254	2,783	11
REGION VI			
I. Farm Industries	551	3,111	5.6
II. Governmental Services, Utilities and Institutions	11	115	10.5
III. Food Processing	66	602	9.1
IV. Forest Products	---	---	
V. Mineral Products	2	10	5
VI. Stone, Clay and Glass Products	2	12.5	6.3
VII. Miscellaneous Industries and Commercial Consumers	15	107.5	7.2
VIII. Textiles and Textile Products	---	---	
IX. Chemicals	---	---	
TOTAL REGION VI	647	3,958	6.1

GENERAL INDUSTRIAL CLASSIFICATION

REGIONAL TOTALS FOR REA SYSTEMS, JANUARY 1940

AVERAGE CONNECTED LOAD OF INDUSTRIES ON REA LINES

Industry	Total No. Served	Total Load KVA	Average Load per Industry
REGION VII			
I. Farm Industries	218	4,639	21.2
II. Governmental Services, Utilities and Institutions	42	357.5	8.5
III. Food Processing	55	665	12.1
IV. Forest Products	2	15	7.5
V. Mineral Products	8	142.5	17.8
VI. Stone, Clay and Glass Products	---	---	
VII. Miscellaneous Industries and Commercial Consumers	26	194	7.5
VIII. Textiles and Textile Products	1	5	5
IX. Chemicals	1	30	30
TOTAL REGION VII	353	6,048	17.1
REGION VIII			
I. Farm Industries	590	5,512	9.4
II. Governmental Services, Utilities and Institutions	49	811.5	16.5
III. Food Processing	42	595	14.2
IV. Forest Products	12	175	14.6
V. Mineral Products	2	20	10
VI. Stone, Clay and Glass Products	5	245	49
VII. Miscellaneous Industries and Commercial Consumers	52	435	8.4
VIII. Textiles and Textile Products	---	---	
IX. Chemicals	---	---	
TOTAL REGION VIII	752	7,793.5	10.2

GENERAL INDUSTRIAL CLASSIFICATION

REGIONAL TOTALS FOR REA SYSTEMS, JANUARY 1940

AVERAGE CONNECTED LOAD OF INDUSTRIES ON REA LINES

Industry	Total No. Served	Total Load KVA	Average Load per Industry
TVA AREA			
I. Farm Industries	134	25,769	10.9
II. Governmental Services, Utilities and Institutions	68	3,627	53.4
III. Food Processing	95	3,401.5	35.9
IV. Forest Products	15	277.5	18.3
V. Mineral Products	3	215	71.7
VI. Stone, Clay and Glass Products	20	7,470	373.5
VII. Miscellaneous Industries and Commercial Consumers	25	1,131.5	45.4
VIII. Textiles and Textile Products	15	1,149.5	76.8
IX. Chemicals	1	45	45
TOTAL TVA AREA	376	24,559.5	65.1

BREAKDOWN BY (9) MAIN CLASSES OF INDUSTRIES, NUMBER, CONNECTED LOAD, LARGEST, SMALLEST AND AVERAGE LOAD — BY STATES AND REA REGIONS

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group I. Farm "Industries" Only
Type of Industry Summary

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont	3	15	5	5	5
New Jersey	1	15	15	15	15
Pennsylvania	4	22.5	7.5	5	5.6
Delaware					
Maryland	12	65	10	5	5.4
Michigan	119	670	25	5	5.6
Ohio	41	255	17.5	5	6.2
TOTAL	180	1,042.5	17.5	5	5.8
REGION II					
West Virginia					
Virginia	10	225	112.5	5	22.5
North Carolina	1	10	10	10	10
South Carolina	5	25	5	5	5
Georgia	46	752.5	75	5	16.3
Florida	16	110	10	5	6.9
TOTAL	78	1,122.5	112.5	5	14.4
REGION III					
Alabama	53	580.5	78	5	11
Kentucky	108	670	30	5	6.2
Mississippi	90	2,372.5	7.5	5	26.4
Tennessee	87	4,667	150	5	53.5
TOTAL	338	8,290	150	5	24.5
REGION IV					
Illinois	31	410	100	5	13.2
Indiana	74	477	30	5	6.5
Missouri	126	717.5	30	5	5.7
TOTAL	231	1,604.5	100	5	7

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	28	210	25	5	7.5
Minnesota	37	217.5	10	5	5.9
North Dakota	2	10	5	5	5
South Dakota	1	10	10	10	10
TOTAL	68	447.5	25	5	6.6
REGION VI					
Kansas	63	347.5	25	5	5.5
Nebraska	312	1,818.5	25	5	5.8
Iowa	176	945	15	5	5.4
TOTAL	551	3,111	25	5	5.6
REGION VII					
Arkansas	14	152.5	75	5	10.9
Louisiana	3	27.5	10	7.5	9.2
Texas	166	4,225.5	150	5	25.4
Oklahoma	35	233.5	20	5	6.7
TOTAL	218	4,639	150	5	21.2
REGION VIII					
Arizona	4	210	150	7.5	52.5
Nevada	2	10	5	5	5
New Mexico	216	2,060	40	5	9.5
Idaho	100	515	10	5	5.2
Colorado	93	1,720	35	5	18.5
Utah					
Montana	22	125	10	5	5.7
Wyoming	4	22.5	7.5	5	5.6
Washington	126	707.5	10	5	5.6
Oregon	17	105	10	5	6.2
California	6	37	10	5	6.2
TOTAL	590	5,512	10	5	9.4
U. S. TOTALS	2254	25,769	150	5	10.9
TVA (area also included in above)	134	7,232.5	150	5	53.9

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group II. Governmental Services, Utilities, and Institutions only
Type of Industry Summary

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont	1	5	5	5	5
New Jersey					
Pennsylvania	10	72.5	7.5	5	7.3
Delaware					
Maryland	2	10	5	5	5
Michigan	11	197.5	75	5	18
Ohio	17	390.5	150	5	23
TOTAL	41	675.5	150	5	16.5
REGION II					
West Virginia					
Virginia	8	145	75	5	18.1
North Carolina	2	60	45	5	30
South Carolina	6	187.5	100	5	31.3
Georgia	11	547.5	450	5	49.8
Florida					
TOTAL	27	940	450	5	34.8
REGION III					
Alabama	12	112.5	15	5	9.4
Kentucky	11	75	15	5	6.8
Mississippi	25	1,097.5	600	5	43.9
Tennessee	54	2,257	300	5	41.7
TOTAL	102	3,542	600	5	39.1
REGION IV					
Illinois	2	30	15	15	15
Indiana	7	275	225	5	39.3
Missouri	9	80.5	15	5	8.9
TOTAL	18	385.5	225	5	21.4

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	9	75.5	15	5	8.4
Minnesota	9	107.5	35	5	11.9
North Dakota					
South Dakota					
TOTAL	18	183	35	5	10.2
REGION VI					
Kansas					
Nebraska	5	75	25	10	15
Iowa	6	40	10	5	6.7
TOTAL	11	115	25	5	10.5
REGION VII					
Arkansas	6	75	25	5	12.5
Louisiana	3	20	7.5	5	6.7
Texas	21	152.5	25	5	7.3
Oklahoma	12	110	25	5	9.2
TOTAL	42	357.5	25	5	8.5
REGION VIII					
Arizona					
Nevada	5	186.5	72.5	15	37.3
New Mexico	7	192.5	85	5	27.5
Idaho	13	142.5	25	5	11
Colorado	1	30	30	30	30
Utah	2	20	10	10	10
Montana	10	150	75	5	15
Wyoming	6	55	15	5	9.2
Washington	3	17.5	7.5	5	5.8
Oregon	2	17.5	10	7.5	8.8
California					
TOTAL	49	811.5			16.6
U. S. TOTAL	308	7,010	600	5	22.9
TVA area (also included Above)	68	3,627	600	5	53.4

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group III. Food Processing
Type of Industry Summary

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	4	35	15	5	8.8
Delaware	1	15	15	15	15
Maryland	2	12.5	7.5	5	6.3
Michigan	7	66.5	22.5	5	9.5
Ohio	21	292.5	75	5	13.9
TOTAL	35	421.5	22.5	5	12
REGION II					
West Virginia					
Virginia	8	79	30	5	9.9
North Carolina	6	90	30	5	15
South Carolina					
Georgia	37	267.5	30	5	7.2
Florida					
TOTAL	51	436.5	30	5	8.6
REGION III					
Alabama	7	115	50	5	16.7
Kentucky	12	117.5	22.5	5	9.8
Mississippi	28	587.5	75	5	21
Tennessee	63	2,719	750	5	43.1
TOTAL	110	3,539	750	5	32.2
REGION IV					
Illinois	21	424	45	7.5	20.2
Indiana	29	512.5	75	5	17.7
Missouri	17	186.5	25	5	11
TOTAL	67	1,123	75	5	19.7

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	78	717.5	55	5	9.2
Minnesota	34	678	75	5	19.9
North Dakota	18	262.5	27.5	5	14.6
South Dakota	1	12	12	12	12
TOTAL	131	1,670	75	5	12.7
REGION VI					
Kansas	13	102.5	15	5	7.9
Nebraska	9	141	45	5	15.7
Iowa	44	358.5	25	5	8.1
TOTAL	66	602	45	5	9.1
REGION VII					
Arkansas	3	25	10	5	8
Louisiana	6	65	30	5	10.8
Texas	37	510	200	5	13.7
Oklahoma	9	65	15	5	7.2
TOTAL	55	665	200	5	12.1
REGION VIII					
Arizona	1	22.5	22.5	22.5	22.5
Nevada					
New Mexico					
Idaho	10	165.5	50	5	16.6
Colorado	10	174.5	22.5	6	17.5
Utah					
Montana	5	46	15	6	9.2
Wyoming	2	40	20	20	20
Washington	6	50	10	5	8.3
Oregon	2	12.5	7.5	5	6.3
California	6	84	30	5	14
TOTAL	42	595	30	5	14.2
U. S. TOTAL	557	9,052	750	5	16.3
TVA (also included above)	95	3,401.5	750	5	35.9

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group IV. Forest Products
Type of Industry Summary

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine	1	45	45	45	45
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	3	30	10	10	10
Delaware	1	15	15	15	15
Maryland	1	7.5	7.5	7.5	7.5
Michigan	2	15	10	5	7.5
Ohio					
TOTAL	8	112.5	45	5	14.7
REGION II					
West Virginia	1	5	5	5	5
Virginia	2	40	30	10	20
North Carolina	1	5	5	5	5
South Carolina					
Georgia	1	5	5	5	5
Florida					
TOTAL	5	55	30	5	11
REGION III					
Alabama	1	7.5	7.5	7.5	7.5
Kentucky					
Mississippi	6	100	50	5	16.7
Tennessee	9	177.5	50	8	19.7
TOTAL	16	285	50	5	17.8
REGION IV					
Illinois					
Indiana	1	30	30	30	30
Missouri	1	22.5	22.5	22.5	22.5
TOTAL	2	52.5	30	22.5	26.3

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	3	27.5	15	5	9.7
Minnesota	1	15	15	15	15
North Dakota					
South Dakota	1	7.5	7.5	7.5	7.5
TOTAL	5	50	15	5	10
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	2	15	10	5	7.5
Oklahoma					
TOTAL	2	15	10	5	7.5
REGION VIII					
Arizona					
Nevada					
New Mexico	2	20	10	10	10
Idaho	2	10	5	5	5
Colorado	1	10	10	10	10
Utah	1	10	10	10	10
Montana					
Wyoming	1	45	45	45	45
Washington	1	5	5	5	5
Oregon	2	15	10	5	7.5
California	2	60	45	15	30
TOTAL	12	175	45	5	14.6
U.S. TOTAL	50	745	50	5	14.9
TVA AREA (also included above)	15	277.5	50	5	18.3

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group V. Mineral Products
Type of Industry Summary

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	8	77.5	20	5	9.7
Delaware					
Maryland					
Michigan	1	9	9	9	9
Ohio	3	15	5	5	5
TOTAL	12	101.5	9	5	8.5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	15	15	15	15
Florida					
TOTAL	1	15	15	15	15
REGION III					
Alabama					
Kentucky	3	50	30	5	16.67
Mississippi	4	45	10	5	11.3
Tennessee	3	215	125	15	71.7
TOTAL	10	310	125	5	31
REGION IV					
Illinois	9	275	100	7.5	30.6
Indiana	1	75	75	75	75
Missouri	2	35	30	5	17.5
TOTAL	12	385	100	5	32.1

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa	2	10	5	5	5
TOTAL	2	10	5	5	5
REGION VII					
Arkansas					
Louisiana					
Texas	4	97.5	75	5	24.4
Oklahoma	4	45	15	5	11.3
TOTAL	8	142.5	75	5	17.8
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado	1	15	15	15	15
Utah	1	5	5	5	5
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	2	20	15	5	10
U.S. TOTAL	47	984	125	5	20.5
TVA AREA (also included above)	3	215	125	15	71.7

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VI. Stone, Clay and Glass Products
Type of Industry Summary

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan	1	105	105	105	105
Ohio	7	427.5	112.5	7.5	61.1
TOTAL	8	532.5	112.5	7.5	66.6
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina	3	180	150	5	60
Georgia	3	20	10	5	6.67
Florida					
TOTAL	6	200	150	5	33.3
REGION III					
Alabama					
Kentucky	1	5	5	5	5
Mississippi	8	1,067.5	300	10	133.4
Tennessee	13	6,432.5	3750	5	495
TOTAL	22	7505	3750	5	341
REGION IV					
Illinois	7	525	195	15	75
Indiana	3	252.5	225	5	84.2
Missouri					
TOTAL	10	777.5	225	5	77.8

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota	1	22.5	22.5	22.5	22.5
North Dakota					
South Dakota					
TOTAL	1	22.5	22.5	22.5	22.5
REGION VI					
Kansas					
Nebraska					
Iowa	2	12.5	7.5	5	6.3
TOTAL	2	12.5	7.5	5	6.3
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona	1	15	15	15	15
Nevada	3	225	75	75	75
New Mexico					
Idaho					
Colorado	1	5	5	5	5
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	5	245	75	5	49
U. S. TOTAL	54	9,295	3,750	5	172.1
TVA area (also included above)	20	7,470	3,750	5	373.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VII. Miscellaneous Industries and Commercial Consumers.
Type of Industry Summary

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey	1	7.5	7.5	7.5	7.5
Pennsylvania	1	7.5	7.5	7.5	7.5
Delaware					
Maryland	3	15	5	5	5
Michigan	8	132.5	75	5	16.6
Ohio	4	20	5	5	5
TOTAL	17	182.5	75	5	10.7
REGION II					
West Virginia					
Virginia					
North Carolina	1	5	5	5	5
South Carolina	1	5	5	5	5
Georgia	6.	32.5	7.5	5	5.4
Florida					
TOTAL	8	42.5	7.5	5	5.3
REGION III					
Alabama	3	22.5	10	5	7.5
Kentucky	8	45	7.5	5	5.6
Mississippi	14	142.5	30	5	10.2
Tennessee	18	1,061.5	600	10	59
TOTAL	43	1,271.5	600	5	29.6
REGION IV					
Illinois	4	37.5	17.5	5	9.4
Indiana	6	80	50	5	13.3
Missouri	9	61.5	15	5	6.8
TOTAL	19	179	50	5	9.4

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	17	102.5	10	5	6
Minnesota	11	212.5	150	5	19.3
North Dakota					
South Dakota					
TOTAL	28	315	150	5	11.2
REGION VI					
Kansas	4	20	5	5	5
Nebraska	4	35	15	5	8.8
Iowa	7	52.5	17.5	5	7.5
TOTAL	15	107.5	17.5	5	7.2
REGION VII					
Arkansas	4	20	5	5	5
Louisiana	3	35	25	5	11.7
Texas	12	90	15	5	7.5
Oklahoma	7	49	10	5	7
TOTAL	26	194	25	5	7.5
REGION VIII					
Arizona	4	35	10	7.5	8.8
Nevada					
New Mexico	6	55	20	5	9.2
Idaho	21	192.5	10	5	9.2
Colorado					
Utah	2	25	15	10	12.5
Montana	2	15	10	5	7.5
Wyoming					
Washington	11	77.5	17.5	5	7
Oregon	1	10	10	10	10
California	5	25	5	5	5
TOTAL	52	435	17.5	5	8.4
U. S. TOTAL	208	2,727	600	5	13.1
TVA area (also included above)	25	1,131.5	600	5	45.4

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VIII. Textiles and Textile Products
Type of Industry Summary

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina	2	155	150	5	77.5
South Carolina					
Georgia	5	105	25	5	21
Florida					
TOTAL	7	260	150	5	37.1
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	11	1,049.5	450	10	95.5
TOTAL	11	1,049.5	450	10	95.5
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	1	5	5	5	5
Oklahoma					
TOTAL	1	5	5	5	5
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. TOTAL	19	1,314.5	450	5	69.2
TVA AREA (also included above)	15	1,149.5	450	5	76.8

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group IX. Chemicals
Type of Industry Summary

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	1	7.5	7.5	7.5	7.5
Delaware					
Maryland					
Michigan					
Ohio	2	15	10	5	7.5
TOTAL	3	22.5	10	5	7.5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida	1	75	75	75	75
TOTAL	1	75	75	75	75
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	1	45	45	45	45
TOTAL	1	45	45	45	45
REGION IV					
Illinois					
Indiana					
Missouri	1	5	5	5	5
TOTAL	1	5	5	5	5

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	2	20	15	5	10
Minnesota	1	75	75	75	75
North Dakota					
South Dakota					
TOTAL	3	95	75	5	31.6
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana	1	30	30	30	30
Texas					
Oklahoma					
TOTAL	1	30	30	30	30
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. TOTAL	10	272.5	75	5	27.3
TVA AREA (also included above)	1	45	45	45	45

BREAKDOWN BY (113) INDIVILUAL TYPES OF INDUSTRY —
BY STATES

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group I. Farm Industries
Type of Industry 1. Large Farm Use

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont	3	15	5	5	5
New Jersey					
Pennsylvania	2	12.5	7.5	5	6.3
Delaware					
Maryland	11	55	5	5	5
Michigan	113	572.5	7.5	5	5.1
Ohio	26	145	15	5	5.6
TOTAL	155	800	15	5	5.2
REGION II					
West Virginia					
Virginia	4	32.5	15	5	8.1
North Carolina					
South Carolina	5	25	5	5	5
Georgia	35	237.5	45	5	6.8
Florida					
TOTAL	44	295	45	5	6.7
REGION III					
Alabama	45	247.5	10	5	5.5
Kentucky	92	487.5	10	5	5.2
Mississippi	51	337.5	52.5	5	6.6
Tennessee	2	25	15	10	12.5
TOTAL	190	1,097.5	52.5	5	5.8
REGION IV					
Illinois	8	95	50	5	11.9
Indiana	55	280	10	5	5.1
Missouri	121	662.5	22.5	5	5.5
TOTAL	184	1,037.5	50	5	5.6

[illegible]

INDUSTRIAL LOADS ON REA SYSTEMS #I-1

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	19	100	7.5	5	5.3
Minnesota	14	77.5	7.5	5	5.5
North Dakota	2	10	5	5	5
South Dakota					
TOTAL	35	187.5	7.5	5	5.4
REGION VI					
Kansas	59	295	5	5	5
Nebraska	280	1,418.5	12.5	5	5.1
Iowa	147	772.5	15	5	5.2
TOTAL	486	2,486	15	5	5.1
REGION VII					
Arkansas	7	42.5	7.5	5	6.1
Louisiana	1	10	10	10	10
Texas	23	142.5	22.5	5	6.2
Oklahoma	28	150	10	5	5.4
TOTAL	59	345	22.5	5	5.8
REGION VIII					
Arizona	2	45	30	7.5	22.5
Nevada					
New Mexico	102	517.5	10	5	5.1
Idaho	98	502.5	10	5	5.1
Colorado	9	75	27.5	5	8.3
Utah					
Montana	22	125	10	5	5.7
Wyoming					
Washington	114	622.5	10	5	5.5
Oregon	12	75	10	5	6.3
California					
TOTAL	359	1,962.5	30	5	
U. S. TOTAL	1,512	8,211	52.5	5	5.4
TVA (also included above)	15	167.5	52.5	5	11.2

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group 1. Farm Industries
Type of Industry 2. Irrigation

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	1	5	5	5	5
Delaware					
Maryland					
Michigan	1	15	15	15	15
Ohio					
TOTAL	2	20	15	5	10
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	5	5	5	5
Florida	16	110	10	5	6.9
TOTAL	17	115	10	5	6.8
REGION III					
Alabama					
Kentucky	11	140	30	5	12.7
Mississippi	7	35	5	5	5
Tennessee	20	405	75	5	20.3
TOTAL	38	580	75	5	15.3
REGION IV					
Illinois	19	265	100	5	13.9
Indiana	13	140	30	5	10.8
Missouri	3	20	10	5	6.7
TOTAL	35	425	100	5	12.1

[illegible]

INDUSTRIAL LOADS ON REA SYSTEMS #I-2.

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota	13	70	10	5	5.4
North Dakota					
South Dakota	1	10	10	10	10
TOTAL	14	80	10	5	5.7
REGION VI					
Kansas					
Nebraska	28	375	25	5	13
Iowa	22	120	10	5	5.5
TOTAL	50	495	25	5	9.9
REGION VII					
Arkansas	5	30	10	5	6
Louisiana	1	10	10	10	10
Texas	132	3,730.5	62.5	5	28.3
Oklahoma	4	50	20	5	12.5
TOTAL	142	3,820.5	62.5	5	26.9
REGION VIII					
Arizona	1	15	15	15	15
Nevada	2	10	5	5	5
New Mexico	102	1,455	40	5	14.3
Idaho	1	5	5	5	5
Colorado	84	1,645	35	5	19.6
Utah					
Montana					
Wyoming	3	15	5	5	5
Washington	11	80	10	5	7.3
Oregon	2	10	5	5	5
California	3	15	5	5	5
TOTAL	209	3,250	40	5	15.6
U. S. TOTAL	507	8,785.5	100	5	20.6
TVA area (also included above)	20	405	75	5	20.25

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group I. Farm Industries
Type of Industry 3. Cotton gins

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	6	450	75	75	75
Florida					
TOTAL	6	450	75	75	75
REGION III					
Alabama	4	303	78	75	75.8
Kentucky					
Mississippi	30	1,990	150	5	66.3
Tennessee	58	4,075	150	10	70.2
TOTAL	92	6,368	150	5	69.3
REGION IV					
Illinois					
Indiana					
Missouri	1	30	30	30	30
TOTAL	1	30	30	30	30

INDUSTRIAL LOADS ON REA SYSTEMS #I-3

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas	1	75	75	75	75
Louisiana					
Texas	6	287.5	150	5	47.9
Oklahoma	1	15	15	15	15
TOTAL	8	377.5			
REGION VIII					
Arizona	1	150	150	150	150
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	1	150	150	150	150
U. S. TOTAL	108	7,375.5	150	5	68.3
TVA area (also included above)	92	6,508	150	5	70.7

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group I. Farm Industries
Type of Industry 4. Cranberry Marshes

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

#I-4

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	1	5	5	5	5
Minnesota					
North Dakota					
South Dakota					
TOTAL	1	5	5	5	5
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	1	5	5	5	5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group I. Farm Industries
Type of Industry 5. Cold Storage (general)

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan	1	22.5	22.5	22.5	22.5
Ohio					
TOTAL	1	22.5	22.5	22.5	22.5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	30	30	30	30
Florida					
TOTAL	1	30	30	30	30
REGION III					
Alabama	1	5	5	5	5
Kentucky	1	20	20	20	20
Mississippi					
Tennessee					
TOTAL	2	25	20	5	12.5
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS #I-5

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	1	25	25	25	25
Oklahoma					
TOTAL	1	25	25	25	25
REGION VIII					
Arizona					
Nevada					
New Mexico	3	20	10	5	6.7
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	3	20	10	5	6.7
U. S. TOTAL	8	122.5	30	5	11.6

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group I Farm industries
Type of Industry 6. Cold Storage (Locker)

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio	2	27.5	17.5	10	13.8
TOTAL	2	27.5	17.5	10	13.8
REGION II					
West Virginia					
Virginia	2	142.5	112.5	30	71.3
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL	2	142.5	112.5	30	71.3
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

[illegible]

INDUSTRIAL LOADS ON REA SYSTEMS #I-6

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota	2	12.5	7.5	5	6.3
North Dakota					
South Dakota					
TOTAL	2	12.5	7.5	5	6.3
REGION VI					
Kansas					
Nebraska	2	15	7.5	7.5	7.5
Iowa					
TOTAL	2	15	7.5	7.5	7.5
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. TOTAL	8	197.5	112.5	5	24.7

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group I Farm Industries
Type of Industry 7. Farmers Cooperatives

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina	1	10	10	10	10
South Carolina					
Georgia					
Florida					
TOTAL	1	10	10	10	10
REGION III					
Alabama	1	7.5	7.5	7.5	7.5
Kentucky					
Mississippi					
Tennessee					
TOTAL	1	7.5	7.5	7.5	7.5
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS #I-7

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	1	15	15	15	15
Oklahoma					
TOTAL	1	15	15	15	15
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. TOTAL	3	32.5	15	7.5	10.8

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group I Farm Industries
Type of Industry 8. Fur Farms

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS #I-8

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	5	77.5	25	7.5	15.5
Minnesota					
North Dakota					
South Dakota					
TOTAL	5	77.5	25	7.5	15.5
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico	4	42.5	15	7.5	10.8
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	4	42.5	15	7.5	10.8
U. S. TOTAL	9	120	25	7.5	13.4

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group I Farm Industries
Type of Industry 9. Fruit and Vegetable graders and washers

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan	2	27.5	22.5	5	13.8
Ohio	2	20	15	5	10
TOTAL	4	47.5	22.5	5	11.9
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	15	15	15	15
Florida					
TOTAL	1	15	15	15	15
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

[illegible]

INDUSTRIAL LOADS ON REA SYSTEMS #I-9

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas	3	47.5	25	5	15.8
Nebraska	1	5	5	5	5
Iowa					
TOTAL	4	52.5	25	5	13.1
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico	5	25	5	5	5
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	5	25	5	5	5
U. S. TOTAL	14	140	25	5	10

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group I Farm Industries
Type of Industry 10. Fair Associations

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan	1	25	25	25	25
Ohio					
TOTAL	1	25	25	25	25
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					
U. S. TOTAL	1	25	25	25	25

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group I Farm Industries
Type of Industry 11. Fish Hatcheries

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	5	5	5	5
Florida					
TOTAL	1	5	5	5	5
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

#I-11.

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma	1	7.5	7.5	7.5	7.5
TOTAL	1	7.5	7.5	7.5	7.5
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington	1	5	5	5	5
Oregon					
California					
TOTAL	1	5	5	5	5
U. S. TOTAL	3	17.50	7.5	5	5.8

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group I Farm Industries
Type of Industry 12. Game Farms

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

#I-12

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho	1	7.5	7.5	7.5	7.5
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	1	7.5	7.5	7.5	7.5
U. S. TOTAL	1	7.5	7.5	7.5	7.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group I Farm Industries
Type of Industry 13. Hatcheries, poultry farms and brooders

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland	1	10	10	10	10
Michigan	1	7.5	7.5	7.5	7.5
Ohio	6	32.5	7.5	5	5.4
TOTAL	8	50	10	5	12.5
REGION II					
West Virginia					
Virginia	4	50	15	5	12.5
North Carolina					
South Carolina					
Georgia	1	10	10	10	10
Florida					
TOTAL	5	60	15	5	12
REGION III					
Alabama					
Kentucky	3	17.5	7.5	5	5.8
Mississippi					
Tennessee	2	15	10	5	7.5
TOTAL	5	32.5	10	5	6.5
REGION IV					
Illinois					
Indiana	1	7.5	7.5	7.5	7.5
Missouri	1	5	5	5	5
TOTAL	2	12.5	7.5	5	6.3

INDUSTRIAL LOADS ON REA SYSTEMS #I-13.

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	2	10	5	5	5
Minnesota	6	47.5	10	7.5	7.9
North Dakota					
South Dakota					
TOTAL	8	57.5	10	5	7.2
REGION VI					
Kansas	1	5	5	5	5
Nebraska	1	5	5	5	5
Iowa	1	5	5	5	5
TOTAL	3	15	5	5	5
REGION VII					
Arkansas	1	5	5	5	5
Louisiana					
Texas	2	15	10	5	7.5
Oklahoma					
TOTAL	3	20	10	5	6.7
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming	1	7.5	7.5	7.5	7.5
Washington					
Oregon	2	12.5	7.5	5	6.3
California					
TOTAL	3	20	7.5	5	6.7
U. S. TOTAL	37	267.5	15	5	7.2
TVA area (also included above)	2	15	10	5	7.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group I. Farm Indsutries
Type of Industry 14. Nurseries, experimental Stations

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	1	5	5	5	5
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL	1	5	5	5	5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi	1	5	5	5	5
Tennessee					
TOTAL	1	5	5	5	5
REGION IV					
Illinois					
Indiana	1	27	27	27	27
Missouri					
TOTAL	1	27	27	27	27

TOTAL	1	5	5	5

INDUSTRIAL LOADS ON REA SYSTEMS

#I-14.

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	1	10	10	10	10
Oklahoma					
TOTAL	1	10	10	10	10
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon	1	7.5	7.5	7.5	7.5
California					
TOTAL	1	7.5	7.5	7.5	7.5
U. S. TOTAL	5	54.5	27	5	10.9

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group I. Farm Industries
Type of Industry 15. Water Pumps

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey	1	15	15	15	15
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL	1	15	15	15	15
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky	1	5	5	5	5
Mississippi	1	5	5	5	5
Tennessee	3	41	15	11	13.7
TOTAL	5	51	15	5	10.2
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

#I-15.

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa	2	17.5	10	7.5	8.8
TOTAL	2	17.5	10	7.5	8.8
REGION VII					
Arkansas					
Louisiana	1	7.5	7.5	7.5	7.5
Texas					
Oklahoma					
TOTAL	1	7.5	7.5	7.5	7.5
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California	2	12	6	6	6
TOTAL	2	12	6	6	6
U. S. TOTAL	11	103	15	5	9.4
TVA area (also included above)	3	41	15	11	13.7

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group I. Farm Industries
Type of Industry 16. Refrigeration

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio	2	15	10	5	7.5
TOTAL	2	15	10	5	7.5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama	1	7.5	7.5	7.5	7.5
Kentucky					
Mississippi					
Tennessee					
TOTAL	1	7.5	7.5	7.5	7.5
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS #I-16

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma	1	11	11	11	11
TOTAL	1	11	11	11	11
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. TOTAL	4	33.5	11	5	8.4

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group I. Farm Industries
Type of Industry 17. Seed cleaning, drying and packing

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio	3	15	5	5	5
TOTAL	3	15	5	5	5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	1	6	6	6	6
TOTAL	1	6	6	6	6
REGION IV					
Illinois	4	50	30	5	12.5
Indiana	3	17.5	7.5	5	5.8
Missouri					
TOTAL	7	67.5	30	5	9.6

INDUSTRIAL LOADS ON REA SYSTEMS #I-17

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	1	17.5	17.5	17.5	17.5
Minnesota	2	10	5	5	5
North Dakota					
South Dakota					
TOTAL	3	27.5	17.5	5	9.2
REGION VI					
Kansas					
Nebraska					
Iowa	4	30	7.5	7.5	7.5
TOTAL	4	30	7.5	7.5	7.5
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California	1	10	10	10	10
TOTAL	1	10	10	10	10
U. S. TOTAL	19	156	30	5	8.2
TVA area (also included above)	1	6	6	6	6

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group I. Farm Industries
Type of Industry 18. Corn Shelling

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama	1	10	10	10	10
Kentucky					
Mississippi					
Tennessee	1	100	100	100	100
TOTAL	2	110	100	10	55
REGION IV					
Illinois					
Indiana	1	5	5	5	5
Missouri					
TOTAL	1	5	5	5	5

INDUSTRIAL LOADS ON REA SYSTEMS

#I-18.

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. TOTAL	3	115	100	5	57.5
TVA area (also included above)	1	100	100	100	100

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group II Governmental Services, Utilities and Institutions
Type of Industry 1. Airplane Beacons

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	1	7.5	7.5	7.5	7.5
Delaware					
Maryland					
Michigan					
Ohio	1				
TOTAL	1	7.5	7.5	7.5	7.5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky	1	5	5	5	5
Mississippi	3	15	5	5	5
Tennessee					
TOTAL	4	20	5	5	5
REGION IV					
Illinois					
Indiana	1	7.5	7.5	7.5	7.5
Missouri	1	7.5	7.5	7.5	7.5
TOTAL	2	15	7.5	7.5	7.5

INDUSTRIAL LOADS ON REA SYSTEMS II-1

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota	1	5	5	5	5
North Dakota					
South Dakota					
TOTAL	1	5	5	5	5
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	4	20	5	5	5
Oklahoma					
TOTAL	4	20	5	5	5
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana	1	15	15	15	15
Wyoming					
Washington	2	10	5	5	5
Oregon					
California					
TOTAL	3	25	15	5	8.3
U.S. TOTAL	15	92.5	15	5	6.2

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group II Governmental Services, Utilities and Institutions
Type of Industry 2. Airplane Fields

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi	1	10	10	10	10
Tennessee					
TOTAL	1	10	10	10	10
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS II-2

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	1	5	5	5	5
Minnesota	1	5	5	5	5
North Dakota					
South Dakota					
TOTAL	2	10	5	5	5
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming	2	20	15	5	10
Washington					
Oregon					
California					
TOTAL	2	20	15	5	10
U.S. TOTAL	5	40	15	5	8

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group II Governmental Services, Utilities & Institutions
Type of Industry 3. C.C.C. Camps

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	5	37.5	7.5	7.5	7.5
Delaware					
Maryland					
Michigan	4	37.5	10	7.5	9.4
Ohio	1	5	5	5	5
TOTAL	10	80	10	5	8
REGION II					
West Virginia					
Virginia	2	15	10	5	7.5
North Carolina	1	15	15	15	15
South Carolina	4	30	10	5	7.5
Georgia	3	30	10	10	10
Florida					
TOTAL	10	90	15	5	9
REGION III					
Alabama	3	32.5	15	7.5	10.8
Kentucky					
Mississippi	4	45	15	10	11.3
Tennessee					
TOTAL	7	77.5	15	7.5	11.1
REGION IV					
Illinois	1	15	15	15	15
Indiana	2	15	7.5	7.5	7.5
Missouri	2	15	10	5	7.5
TOTAL	5	45	15	5	9

INDUSTRIAL LOADS ON REA SYSTEMS

II-3

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	4	35	15	5	8.8
Minnesota	1	10	10	10	10
North Dakota					
South Dakota					
TOTAL	5	45	15	5	9
REGION VI					
Kansas					
Nebraska	3	50	25	10	16.7
Iowa	1	10	10	10	10
TOTAL	4	60	25	10	15
REGION VII					
Arkansas	2	30	20	10	15
Louisiana	1	7.5	7.5	7.5	7.5
Texas	2	17.5	10	7.5	8.8
Oklahoma					
TOTAL	5	55	20	7.5	11
REGION VIII					
Arizona					
Nevada					
New Mexico	2	30	15	15	15
Idaho	2	15	10	5	7.5
Colorado					
Utah	1	10	10	10	10
Montana	3	15	5	5	5
Wyoming					
Washington	1	7.5	7.5	7.5	7.5
Oregon	1	10	10	10	10
California					
TOTAL	10	87.5	15	5	8.8
U.S. TOTAL	56	540	25	5	9.3
TVA AREA (also included above)	1	10	10	10	10

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group II Governmental Services, Utilities & Institutions
Type of Industry 4. National Park Service

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama	1	5	5	5	5
Kentucky					
Mississippi					
Tennessee					
TOTAL	1	5	5	5	5
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

II-4

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	1	15	15	15	15
Minnesota					
North Dakota					
South Dakota					
TOTAL	1	15	15	15	15
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho	1	5	5	5	5
Colorado					
Utah	1	10	10	10	10
Montana	2	82.5	7.5	7.5	41.3
Wyoming					
Washington					
Oregon					
California					
TOTAL	4	97.5	10	5	24.4
U.S. TOTAL	6	117.5	75	5	19.6

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group II Governmental Services, Utilities & Institutions
Type of Industry 5. Radio Range Stations

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	15	15	15	15
Florida					
TOTAL	1	15	15	15	15
REGION III					
Alabama					
Kentucky	1	15	15	15	15
Mississippi					
Tennessee					
TOTAL	1	15	15	15	15
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	1	7.5	7.5	7.5	7.5
Minnesota					
North Dakota					
South Dakota					
TOTAL	1	7.5	7.5	7.5	7.5
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	2	12.5	7.5	5	6.3
Oklahoma					
TOTAL	2	12.5	7.5	5	6.3
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. TOTAL	5	50	15	5	10

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 595 REA Systems, as of January, 1940

General Classification Group II Governmental Services, Utilities & Institutions
Type of Industry 6. U.S. Dams and Buildings

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina	1	100	100	100	100
Georgia					
Florida					
TOTAL	1	100	100	100	100
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	2	50	25	25	25
TOTAL	2	50	25	25	25
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS II-6

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma	2	20	10	10	10
TOTAL	2	20	10	10	10
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. TOTAL	5	170	100	10	34
TVA AREA (also included above)	2	50	25	25	25

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group II Government Services, Utilities and Institutions
Type of Industry 7.U. S. Army and Navy

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	450	450	450	450
Florida					
TOTAL	1	450	450	450	450
REGION III					
Alabama	1	10	10	10	10
Kentucky					
Mississippi					
Tennessee					
TOTAL	1	10	10	10	10
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

II
7

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado	1	30	30	30	30
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	1	30	30	30	30
U. S. Total	3	490	450	10	163.3
TVA area (also included above)	1	450	450	450	450

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group II Governmental Services, Utilities & Institutions
Type of Industry 8. Lighthouses

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS II-8

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota	1	35	35	35	35
North Dakota					
South Dakota					
TOTAL	1	35	35	35	35
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. TOTAL	1	35	35	35	35

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group II. Governmental Services, Utilities & Institutions
Type of Industry 9. Soil Conservation Service

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio	2	25	15	10	12.5
TOTAL	2	25	15	10	12.5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky	2	15	10	5	7.5
Mississippi					
Tennessee					
TOTAL	2	15	10	5	7.5
REGION IV					
Illinois					
Indiana					
Missouri	1	7.5	7.5	7.5	7.5
TOTAL	1	7.5	7.5	7.5	7.5

INDUSTRIAL LOADS ON REA SYSTEMS #II-9

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	1	25	25	25	25
Oklahoma					
TOTAL	1	25	25	25	25
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. TOTAL	6	72.5	25	5	12.1

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group II Governmental Services, Utilities & Institutions
Type of Industry 10. State Parks

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	1	7.5	7.5	7.5	7.5
Delaware					
Maryland					
Michigan	2	25	20	5	12.5
Ohio	1	150	150	150	150
TOTAL	4	182.5	150	5	45.6
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina	1	57.5	57.5	57.5	57.5
Georgia					
Florida					
TOTAL	1	57.5	57.5	57.5	57.5
REGION III					
Alabama					
Kentucky					
Mississippi	3	62.5	27.5	10	20.8
Tennessee	1	25	25	25	25
TOTAL	4	87.5	27.5	10	21.8
REGION IV					
Illinois					
Indiana					
Missouri	1	7.5	7.5	7.5	7.5
TOTAL	1	7.5	7.5	7.5	7.5

INDUSTRIAL LOADS ON REA SYSTEMS

II
10

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota	1	5	5	5	5
North Dakota					
South Dakota					
TOTAL	1	5	5	5	5
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	2	10	5	5	5
Oklahoma					
TOTAL	2	10	5	5	5
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	13	350	150	5	27
TVA area (also included above)	2	50	25	25	25

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group II Governmental Services, Utilities & Institutions
Type of Industry 11. Prisons &Prison Farms

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	7.5	7.5	7.5	7.5
Florida					
TOTAL	1	7.5	7.5	7.5	7.5
REGION III					
Alabama	3	25	10	7.5	8.3
Kentucky					
Mississippi					
Tennessee	1	300	300	300	300
TOTAL	4	325	300	7.5	81.2
REGION IV					
Illinois					
Indiana					
Missouri	1	10	10	10	10
TOTAL	1	10	10	10	10

		Largest Load KVA	Smallest Load KVA	Average Load KVA

INDUSTRIAL LOADS ON REA SYSTEMS II-11

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. TOTAL	6	342.5	300	7.5	57.1
TVA AREA (also included above)	1	300	300	300	300

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group II. Governmental Services, Utilities & Institutions
Type of Industry 12. County Farms

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan	1	5	5	5	5
Ohio					
TOTAL	1	5	5	5	5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					
U. S. TOTAL	1	5	5	5	5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group II. Governmental Services, Utilities & Institutions
Type of Industry 13. Schools

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan	2	47.5	37.5	10	23.8
Ohio	12	189	50	5	15.8
TOTAL	14	236.5	50	5	18.8
REGION II					
West Virginia					
Virginia	4	25	7.5	5	6.3
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL	4	25	7.5	5	6.3
REGION III					
Alabama	4	40	15	5	10
Kentucky	5	30	7.5	5	6
Mississippi	5	725	600	10	145
Tennessee	4	95	30	15	23.8
TOTAL	16	890	600	5	49.5
REGION IV					
Illinois					
Indiana	3	27.5	15	5	9.2
Missouri	2	18	10	8	9
TOTAL	5	45.5	15	5	9.1

INDUSTRIAL LOADS ON REA SYSTEMS #II-13.

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	1	8	8	8	8
Minnesota	3	35	25	5	11.7
North Dakota					
South Dakota					
TOTAL	4	43	25	5	10.7
REGION VI					
Kansas					
Nebraska					
Iowa	5	30	7.5	5	6
TOTAL	5	30	7.5	5	6
REGION VII					
Arkansas	2	10	5	5	5
Louisiana	2	12.5	7.5	5	6.3
Texas	5	30	7.5	5	6
Oklahoma	8	50	10	5	6.3
TOTAL	17	102.5	10	5	6
REGION VIII					
Arizona					
Nevada	4	171.5	72.5	25	42.9
New Mexico	2	10	5	5	5
Idaho	3	45	25	5	15
Colorado					
Utah					
Montana	2	15	7.5	7.5	7.5
Wyoming	4	35	15	5	8.7
Washington					
Oregon	1	7.5	7.5	7.5	7.5
California					
TOTAL	16	284	72.5	5	17.7
U. S. TOTAL	83	1,656.5	600	5	19.9
TVA area (also included above)	9	760	600	5	84.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group II Governmental Services, Utilities & Institutions
Type of Industry 14. Municipal (General)

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio	1	21.5	21.5	21.5	21.5
TOTAL	1	21.5	21.5	21.5	21.5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	2	25	15	10	12.5
Florida					
TOTAL	2	25	15	10	12.5
REGION III					
Alabama					
Kentucky					
Mississippi	1	10	10	10	10
Tennessee	1	5	5	5	5
TOTAL	2	15	10	5	7.5
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

II
14

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska	1	15	15	15	15
Iowa					
TOTAL	1	15	15	15	15
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	6	76.5	21.5	5	12.8
TVA area (also included above)	1	5	5	5	5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group II Governmental Services, Utilities & Institutions
Type of Industry 15. Municipal (Water Supply)

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	1	5	5	5	5
Delaware					
Maryland	2	10	5	5	5
Michigan					
Ohio					
TOTAL	3	15	5	5	5
REGION II					
West Virginia					
Virginia					
North Carolina	1	45	45	45	45
South Carolina					
Georgia					
Florida					
TOTAL	1	45	45	45	45
REGION III					
Alabama					
Kentucky	1	5	5	5	5
Mississippi	4	115	55	10	28.5
Tennessee	30	606	47.5	7.5	20.2
TOTAL	35	726	55	5	20.7
REGION IV					
Illinois					
Indiana					
Missouri	1	15	15	15	15
TOTAL	1	15	15	15	15

INDUSTRIAL LOADS ON REA SYSTEMS

II
15

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	3	22.5	12.5	5	7.5
Oklahoma	1	25	25	25	25
TOTAL	4	47.5	25	5	11.9
REGION VIII					
Arizona					
Nevada	1	15	15	15	15
New Mexico					
Idaho	2	27.5	22.5	5	13.8
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	3	42.5	22.5	5	14.2
U. S. Total	47	891	55	5	19
TVA area (also included above	30	606	47.5	7.5	20.2

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group II Governmental Services, Utilities & Institutions
Type of Industry 16. Sewage Disposal

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	1	7.5	7.5	7.5	7.5
TOTAL	1	7.5	7.5	7.5	7.5
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas	1	10	10	10	10
Louisiana					
Texas	1	5	5	5	5
Oklahoma					
TOTAL	2	15	10	5	7.5
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. TOTAL	3	22.5	10	5	7.5
TVA AREA (also included above)	1	7.5	7.5	7.5	7.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group I I. Governmental Services, Utilities & Institutions
Type of Industry 17. Street Lighting

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont	1	5	5	5	5
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan	1	7.5	7.5	7.5	7.5
Ohio					
TOTAL	2	12.5	7.5	5	6.3
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky	1	5	5	5	5
Mississippi					
Tennessee	5	40	10	5	8
TOTAL	6	45	10	5	7.5
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS #II-17.

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. Total	8	57.5	10	5	7.2
TVA area (also included above)	5	40	10	5	8

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group II. Governmental Services, Utilities & Institutions
Type of Industry 18. Community Centers

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	1	112.5	112.5	112.5	112.5
TOTAL	1	112.5	112.5	112.5	112.5
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS #II-18.

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska	1	10	10	10	10
Iowa					
TOTAL	1	10	10	10	10
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana	1	7.5	7.5	7.5	7.5
Wyoming					
Washington					
Oregon					
California					
TOTAL	1	7.5	7.5	7.5	7.5
U. S. TOTAL	3	130	112.5	7.5	43.3
TVA area (also included above)	1	112.5	112.5	112.5	112.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group II. Governmental Services, Utilities & Institutions
Type of Industry 19. Wholesale Light and Power

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

#II-19.

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota	1	12.5	12.5	12.5	12.5
North Dakota					
South Dakota					
TOTAL	1	12.5	12.5	12.5	12.5
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma	1	15	15	15	15
TOTAL	1	15	15	15	15
REGION VIII					
Arizona					
Nevada					
New Mexico	2	107.5	85	22.5	53.8
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	2	107.5	85	22.5	53.8
U. S. TOTAL	4	135	85	12.5	33.8

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group II Governmental Services, Utilities & Institutions
Type of Industry 20 Public Utilities (Miscellaneous)

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	2	15	7.5	7.5	7.5
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL	2	15	7.5	7.5	7.5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

II
20

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas	1	25	25	25	25
Louisiana					
Texas					
Oklahoma					
TOTAL	1	25	25	25	25
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho	1	25	25	25	25
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	1	25	25	25	25
U. S. Total	4	65	25	7.5	16.3

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group II Governmental Services, Utilities & Institutions
Type of Industry 21. Railroad Stations

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	5	5	5	5
Florida					
TOTAL	1	5	5	5	5
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	1	15	15	15	15
TOTAL	1	15	15	15	15
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

[illegible]

Reported by [illegible] [illegible] as of December, 1940

Central Classification Group [illegible] Institution
Type of Industry [illegible]

State	Number of Institutions	Original Land Area	Building Land Area	Additional Land Area
[illegible]				
[illegible]				
[illegible]				
[illegible]				
[illegible]				
[illegible]				
[illegible]				
[illegible]				
[illegible]				
[illegible]				
[illegible]				
TOTAL				
[illegible]				
[illegible]				
[illegible]				
[illegible]				
[illegible]				
[illegible]				
[illegible]	1	5	5	5
[illegible]				
TOTAL	1	5	5	5
[illegible]				
[illegible]				
[illegible]				
[illegible]				
[illegible]	1	16	16	16
TOTAL	1	16	16	16
[illegible]				
[illegible]				
[illegible]				
[illegible]				
[illegible]				
[illegible]				

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	1	5	5	5	5
Minnesota					
North Dakota					
South Dakota					
TOTAL	1	5	5	5	5
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho	1	7.5	7.5	7.5	7.5
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	1	7.5	7.5	7.5	7.5
U.S. TOTAL	4	32.5	15	5	8.1
TVA AREA (also included above)	1	15	15	15	15

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group II Governmental Services, Utilities &Institutions
Type of Industry 22. Railroad Round Houses

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia	1	75	75	75	75
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL	1	75	75	75	75
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					
U.S. TOTAL	1	75	75	75	75

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group II. Governmental Services, Utilities & Institutions
Type of Industry 23. Railroad Pumps

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia	1	30	30	30	30
North Carolina					
South Carolina					
Georgia	1	5	5	5	5
Florida					
TOTAL	2	35	30	5	17.5
REGION III					
Alabama					
Kentucky					
Mississippi	4	115	75	5	28.8
Tennessee	1	30	30	30	30
TOTAL	5	145	75	5	29.4
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS #II-23.

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico	1	45	45	45	45
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	1	45	45	45	45
U. S. TOTAL	8	225	75	5	28.1
TVA area (also included above	1	30	30	30	30

INDUSTRIAL LOADS ON REA SYSTEMS II-24

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana	1	15	15	15	15
Wyoming					
Washington					
Oregon					
California					
TOTAL	1	15	15	15	15
U.S. TOTAL	4	135	75	15	33.8
TVA AREA (also included above)	1	30	30	30	30

INDUSTRIAL LOADS ON REA SYSTEMS II-24

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana	1	15	15	15	15
Wyoming					
Washington					
Oregon					
California					
TOTAL	1	15	15	15	15
U.S. TOTAL	4	135	75	15	33.8
TVA AREA (also included above)	1	30	30	30	30

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group II. Governmental Services, Utilities & Institutions
Type of Industry 25. Gymnasiums

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	1	15	15	15	15
TOTAL	1	15	15	15	15
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS #II-25.

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	1	10	10	10	10
Oklahoma					
TOTAL	1	10	10	10	10
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. TOTAL	2	25	15	10	12.5
TVA area (also included above)	1	15	15	15	15

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group II. Governmental Services, Utilities & Institutions
Type of Industry 26 Sanitariums

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	3	476	450	11	158.8
TOTAL	3	476	450	11	158.8
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

II
26

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	3	476	450	11	158.8
TVA area (also included above)	3	476	450	11	158.8

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group II Governmental Services? Utilities & Institutions
Type of Industry 27. Orphans Homes

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	10	10	10	10
Florida					
TOTAL	1	10	10	10	10
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana	1	225	225	225	225
Missouri					
TOTAL	1	225	225	225	225

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho	3	17.5	7.5	5	5.8
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	3	17.5	7.5	5	5.8
U.S. TOTAL	5	252.5	225	5	50.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group II. Governmental Services Utilities & Institutions
Type of Industry 28. Radio Broadcasting Stations

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	1	450	450	450	450
TOTAL	1	450	450	450	450
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS II-28

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. TOTAL	1	450	450	450	450
TVA AREA (also included above)	1	450	450	450	450

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group III Food Processing
Type of Industry 1. Beverage Bottling

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia	1	5	5	5	5
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL	1	5	5	5	5
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					
U. S. Total	1	5	5	5	5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group III Food Processing
Type of Industry 2 Canning Factories

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland	1	15	15	15	15
Michigan					
Ohio					
TOTAL	1	15	15	15	15
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	1	25	25	25	25
TOTAL	1	25	25	25	25
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana	1	15	15	15	15
Texas					
Oklahoma					
TOTAL	1	15	15	15	15
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	3	55	25	15	18.3
TVA area (also included above.)	1	25	25	25	25

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group III Food Processing
Type of Industry 3 Cheese Factories

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio	4	27.5	7.5	5	6.9
TOTAL	4	27.5	7.5	5	6.9
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi	2	50	30	20	25
Tennessee	3	50	20	15	16.7
TOTAL	5	100	30	15	20.9
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	48	265	10	5	5.5
Minnesota	2	10	5	5	5
North Dakota					
South Dakota					
TOTAL	50	275	10	5	5.5
REGION VI					
Kansas					
Nebraska					
Iowa	1	5	5	5	5
TOTAL	1	5	5	5	5
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming	2	40	20	20	20
Washington					
Oregon					
California					
TOTAL	2	40	20	20	20
U. S. Total	62	447.5	30	5	7.3
TVA Area (also included above)	5	100	30	15	20

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group III Food Processing
Type of Industry 4. Dairies

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	3	25	15	5	8.3
Delaware					
Maryland					
Michigan	3	15	5	5	5
Ohio	6	30	5	5	5
TOTAL	12	70	15	5	5.8
REGION II					
West Virginia					
Virginia	1	5	5	5	5
North Carolina	1	10	10	10	10
South Carolina					
Georgia	12	70	10	5	5.8
Florida					
TOTAL	14	85	10	5	6.1
REGION III					
Alabama	1	5	5	5	5
Kentucky	7	57.5	20	5	8.2
Mississippi	5	170	75	10	34
Tennessee	7	145	30	5	20.7
TOTAL	20	377.5	75	5	17
REGION IV					
Illinois					
Indiana					
Missouri	9	72.5	25	5	8.1
TOTAL	9	72.5	25	5	8.1

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	25	369	55	5	14.8
Minnesota	24	521	75	7.5	21.7
North Dakota					
South Dakota					
TOTAL	49	890	75	5	
REGION VI					
Kansas	1	5	5	5	5
Nebraska					
Iowa	14	122.5	25	5	8.8
TOTAL	15	127.5			18.1
REGION VII					
Arkansas					
Louisiana	4	20	5	5	5
Texas	16	105	20	5	6.6
Oklahoma	4	20	5	5	5
TOTAL	24	145	20	5	6
REGION VIII					
Arizona	1	22.5	22.5	22.5	22.5
Nevada					
New Mexico					
Idaho	2	10	5	5	5
Colorado					
Utah					
Montana	1	7.5	7.5	7.5	7.5
Wyoming					
Washington					
Oregon	1	7.5	7.5	7.5	7.5
California	3	19	9	5	6.3
TOTAL	8	66.5	22.5	5	8.3
U. St. Total	151	1,834	75	5	12.2
TVA Area (also included above)	11	305	75	5	27.8

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group III Food Processing
Type of Industry 5. Distilleries

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky	1	22.5	22.5	22.5	22.5
Mississippi					
Tennessee	1	75	75	75	75
TOTAL	2	97.5	75	22.5	48.8
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by _____ REA System, as of December 31, 19__

Company Class (Electric Power _____ Telephone _____)
Type of Industry _____

State	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
Region I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Virginia					
West Virginia					
TOTAL					
Region II					
North Carolina					
Tennessee					
South Carolina					
Georgia					
Florida					
Alabama					
TOTAL					
Region III					
Mississippi					
Louisiana					
Arkansas					
Missouri					
Kansas					
Nebraska					
Iowa					
Minnesota					
Wisconsin					
Illinois					
Indiana					
Ohio					
TOTAL					
Region IV					
Kentucky					
Tennessee					
Alabama					
Mississippi					
Georgia					
Florida					
TOTAL					
Region V					
Oklahoma					
Texas					
Louisiana					
Arkansas					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	2	97.5	75	22.5	48.8
TVA area (also included above	1	75	75	75	75

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group III Food Processing
Type of Industry 6 Animal & Fowl Foods

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland	1	5	5	5	5
Michigan	2	19	10	9	9.5
Ohio	6	75	25	5	12.5
TOTAL	9	99	25	5	11
REGION II					
West Virginia					
Virginia	5	39	10	5	7.8
North Carolina	5	80	30	5	16
South Carolina	9	97.5	30	5	10.8
Georgia					
Florida					
TOTAL	19	216.5	30	5	11.4
REGION III					
Alabama	6	110	50	10	18.3
Kentucky	2	12.5	7.5	5	6.3
Mississippi	20	292.5	30	5	14.6
Tennessee	29	595	45	10	20.5
TOTAL	57	1010	50	5	14.5
REGION IV					
Illinois	3	49	30	9	16.3
Indiana	19	195	75	5	10.3
Missouri	6	74	22.5	5	12.3
TOTAL	28	318	75	5	11.3

[illegible]

Reported by [illegible] [illegible] as of January, [illegible]

General Classification Group [illegible]
Type of Industry [illegible]

Event	Number of Companies	Smallest Load KVA	Largest Load KVA	Average Load KVA
Boiler 1				
Boiler				
Gas Generator				
Turbine				
Arc Furnace				
Transformer				
Motors				
Motors	[illegible]	[illegible]	[illegible]	[illegible]
Lighting	[illegible]	[illegible]	[illegible]	[illegible]
Other	[illegible]	[illegible]	[illegible]	[illegible]
Total	[illegible]	[illegible]	[illegible]	[illegible]
Boiler 1				
Gas Turbine				
Turbine	[illegible]	[illegible]	[illegible]	[illegible]
Steam Turbine	[illegible]	[illegible]	[illegible]	[illegible]
Gas Turbine	[illegible]	[illegible]	[illegible]	[illegible]
Generator				
Transf.				
Total	[illegible]	[illegible]	[illegible]	[illegible]
Motor 1				
Motor	[illegible]	[illegible]	[illegible]	[illegible]
Motor	[illegible]	[illegible]	[illegible]	[illegible]
Motor	[illegible]	[illegible]	[illegible]	[illegible]
Transformer	[illegible]	[illegible]	[illegible]	[illegible]
Total	[illegible]	[illegible]	[illegible]	[illegible]
Motor 2				
Motor	[illegible]	[illegible]	[illegible]	[illegible]
Motor	[illegible]	[illegible]	[illegible]	[illegible]
Transf.	[illegible]	[illegible]	[illegible]	[illegible]
Other	[illegible]	[illegible]	[illegible]	[illegible]

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	3	65	30	10	21.7
Minnesota	5	80	40	5	16
North Dakota					
South Dakota					
TOTAL	8	145	40	5	18.1
REGION VI					
Kansas	4	40	15	7.5	10
Nebraska	1	15	15	15	15
Iowa	20	175	25	5	9.2
TOTAL	25	230	25	5	9.2
REGION VII					
Arkansas	2	15	10	5	7.5
Louisiana					
Texas	15	165	75	5	11
Oklahoma	3	35	15	10	11.7
TOTAL	20	215	75	5	10.7
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado	6	116	22.5	7.5	19.3
Utah					
Montana					
Wyoming					
Washington	2	10	5	5	5
Oregon					
California	2	35	22.5	12.5	17.5
TOTAL	10	161	22.5	5	16.1
U. S. Total	176	2,394.50	75	5	13.6
TVA area (also included above)	54	992.5	50	5	18.3

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group III Food Processing
Type of Industry 7. Flour Mills

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia	1	30	30	30	30
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL	1	30	30	30	30
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	8	379	75	15	47.4
TOTAL	8	379	75	15	47.4
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho	1	9	9	9	9
Colorado					
Utah					
Montana	1	15	15	15	15
Wyoming					
Washington					
Oregon					
California	1	30	30	30	30
TOTAL	3	54	30	9	18
U. S. Total	12	463	75	9	42.1
TVA area (also included above)	8	379	75	15	47.4

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group III Food Processing
Type of Industry 8. Grain Elevators

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan	2	32.5	22.5	10	16.25
Ohio	4	155	75	5	38.8
TOTAL	6	187.5	75	5	31.3
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois	17	365	45	7.5	16.3
Indiana	9	302.5	75	5	33.6
Missouri					
TOTAL	26	667.5	75	5	25.7

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota	3	67	45	11	22.3
North Dakota	18	262.5	27.5	5	34.3
South Dakota	1	12	12	12	12
TOTAL	22	341.5	45	5	15.5
REGION VI					
Kansas	8	57.5	7.5	5	7.2
Nebraska	4	36	11	5	9
Iowa	8	48.5	10	5	6.1
TOTAL	20	142	11	5	7.1
REGION VII					
Arkansas					
Louisiana					
Texas	2	20	10	10	10
Oklahoma	2	10	5	5	5
TOTAL	4	30	10	5	7.5
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho	7	146.5	50	5	20.7
Colorado	2	42.5	22.5	20	21.3
Utah					
Montana	2	16	10	6	8
Wyoming					
Washington	4	40	10	10	10
Oregon					
California					
TOTAL	15	245	50	5	16.3
U. S. Total	93	1,613.50	75	5	17.3

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group III Food Processing
Type of Industry 9. Ice Plants

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland	1	7.5	7.5	7.5	7.5
Michigan					
Ohio					
TOTAL	1	7.5	7.5	7.5	7.5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	7.5	7.5	7.5	7.5
Florida					
TOTAL	1	7.5	7.5	7.5	7.5
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	10	297.5	71	8	29.8
TOTAL	10	297.5	71	8	29.8
REGION IV					
Illinois					
Indiana					
Missouri	1	25	25	25	25
TOTAL	1	25	25	25	25

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	1	7.5	7.5	7.5	7.5
Oklahoma					
TOTAL	1	7.5	7.5	7.5	7.5
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	14	345	71	7.5	24.7
TVA area (also included above)	10	297.5	71	8	29.8

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group III Food Processing
Type of Industry 10. Fruit Packing Plants

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	15	92.5	10	5	6.2
Florida					
TOTAL	15	92.5	10	5	6.2
REGION III					
Alabama					
Kentucky	2	25	20	5	12.5
Mississippi	1	75	75	75	75
Tennessee	1	17.5	17.5	17.5	17.5
TOTAL	4	117.5	75	5	35
REGION IV					
Illinois	1	10	10	10	10
Indiana					
Missouri					
TOTAL	1	10	10	10	10

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas	1	10	10	10	10
Louisiana					
Texas	1	7.5	7.5	7.5	7.5
Oklahoma					
TOTAL	2	17.5	10	7.5	8.8
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado	1	10	10	10	10
Utah					
Montana					
Wyoming					
Washington					
Oregon	1	5	5	5	5
California					
TOTAL	2	15	5	5	7.5
U. S. Total	24	252.5	75	5	10.4
TVA area(also included above)	2	82.5	75	17.5	41.25

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group III Food Processing
Type of Industry II Sausage Factories

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska	1	7.5	7.5	7.5	7.5
Iowa					
TOTAL	1	7.5	7.5	7.5	7.5
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	1	7.5	7.5	7.5	7.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group III Food Processing
Type of Industry 12. Sugar Beet Dumps and Refineries

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska	3	82.5	45	15	27.5
Iowa					
TOTAL	3	82.5	45	15	27.5
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado	1	6	6	6	6
Utah					
Montana	1	7.5	7.5	7.5	7.5
Wyoming					
Washington					
Oregon					
California					
TOTAL	2	13.5	7.5	6	6.8
U. S. Total	5	96	45	6	19.2

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group III Food Processing
Type of Industry 13. Sugar Cane Presses and Refineries

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS III
13

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana	1	30	30	30	30
Texas	1	5	5	5	5
Oklahoma					
TOTAL	2	35	30	5	17.5
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U . S. Total	2	35	30	5	17.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group III. Food Processing
Type of Industry Slaughter Houses 14.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	14	10	10	10	10
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL	1	10	10	10	10
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	1	10	10	10	10
TOTAL	1	10	10	10	10
REGION IV					
Illinois					
Indiana	1	15	15	15	15
Missouri	1	15	15	15	15
TOTAL	2	30	15	15	15

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	2	18.5	11	7.5	9.3
Minnesota					
North Dakota					
South Dakota					
TOTAL	2	18.5	11	7.5	9.3
REGION VI					
Kansas					
Nebraska					
Iowa	1	7.5	7.5	7.5	7.5
TOTAL	1	7.5	7.5	7.5	7.5
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	7	76	15	7.5	10.9
TVA area (also included above)	1	10	10	10	10

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group III. Food Processing
Type of Industry 15 Bakeries

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio	1	5	5	5	5
TOTAL	1	5	5	5	5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					
U. S. Total	1	5	5	5	5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group III Food Processing
Type of Industry 16. Cotton Oil Mills

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	2	1125	750	375	562.5
TOTAL	2	1125	750	375	562.5
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

	Not or of	Commutted Land	Longest Land	Shortest Land	Average Land

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	2	1125	750	375	562.5
TVA area (also included above)	2	1125	750	375	562.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group III Food Processing
Type of Industry 17. Dehydrating Plants

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	1	200	200	200	200
Oklahoma					
TOTAL	1	200	200	200	200
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	1	200	200	200	200

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group IV. Forest Products
Type of Industry 1. Box Factories

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	1	10	10	10	10
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL	1	10	10	10	10
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota	1	7.5	7.5	7.5	7.5
TOTAL	1	7.5	7.5	7.5	7.5
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico	1	10	10	10	10
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon	1	5	5	5	5
California					
TOTAL	2	15	10	5	7.5
U.S. Totals	4	32.5	10	5	5.6

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group IV Forest Product s
Type of Industry 2. Furnit ure Factories

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama	1	7 .5	7.5	7.5	7.5
Kentucky					
Mississippi	1	10	10	10	10
Tennessee					
TOTAL	2	17.5	10	7.5	8.8
REGION IV					
Illinois					
Indiana					
Missouri	1	22.5	22.5	22.5	22.5
TOTAL	1	22.5	22.5	22.5	22.5

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	1	10	10	10	10
Oklahoma					
TOTAL	1	10	10	10	10
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. Totals	4	50.	22.5	7.5	12.5
TVA area (also included above)	1	10	10	10	10

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group IV Forest Products
Type of Industry 3. Lumber Yards & Planing Mills

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	1	10	10	10	10
Delaware					
Maryland	1	7.5	7.5	7.5	7.5
Michigan					
Ohio					
TOTAL	2	17.5	10	7.5	8.8
REGION II					
West Virginia	1	5	5	5	5
Virginia	1	30	30	30	30
North Carolina					
South Carolina					
Georgia	1	5	5	5	5
Florida					
TOTAL	3	40	30	5	13.3
REGION III					
Alabama					
Kentucky					
Mississippi	1	50	50	50	50
Tennessee	8	167.5	50	8	20.9
TOTAL	9	217.5	50	8	35.5
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

[illegible]

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	STATE
					REGION I
					Maine
					New Hampshire
					[illegible]
					[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	1	Massachusetts
					[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	1	Maryland
					[illegible]
					[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL
					REGION II
[illegible]	[illegible]	[illegible]	[illegible]	1	West Virginia
[illegible]	[illegible]	[illegible]	[illegible]	1	Virginia
					North Carolina
					South Carolina
5	5	5	5	1	Georgia
					Florida
11.6	5	20	40	3	TOTAL
					REGION III
					[illegible]
					[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL
					REGION IV
					Illinois
					[illegible]
					[illegible]
					TOTAL

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	1	15	15	15	15
Minnesota					
North Dakota					
South Dakota					
TOTAL	1	15	15	15	15
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	1	5	5	5	5
Oklahoma					
TOTAL	1	5	5	5	5
REGION VIII					
Arizona					
Nevada					
New Mexico	1	10	10	10	10
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington	1	5	5	5	5
Oregon					
California	2	60	45	15	30
TOTAL	4	7 5	45	5	18.7
U.S. Total s	20	370.	5 0	5	18.5
TVA area (also i nc luded above)	9	217.5	5 0	8	23

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group IV Forest Products
Type of Industry 4. Sawmills

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I	1	45	45	45	45
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	1	10	10	10	10
Delaware	1	15	15	15	15
Maryland					
Michigan	2	15	10	5	7.5
Ohio					
TOTAL	5	85	45	5	17
REGION II					
West Virginia					
Virginia	1	10	10	10	10
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL	1	10	10	10	10
REGION III					
Alabama					
Kentucky					
Mississippi	1	20	20	20	20
Tennessee					
TOTAL	1	20	20	20	20
REGION IV					
Illinois					
Indiana	1	30	30	30	30
Missouri					
TOTAL	1	30	30	30	30

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota	1	15	15	15	15
North Dakota					
South Dakota					
TOTAL	1	15	15	15	15
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho	2	10	5	5	5
Colorado	1	10	10	10	10
Utah	1	10	10	10	10
Montana					
Wyoming	1	45	45	45	45
Washington					
Oregon	1	10	10	10	10
California					
TOTAL	6	85	45	5	14.2
U.S. Total	15	245	45	5	16.4
TVA area (also included above)	1	20	20	20	20

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group IV Forest Products
Type of Industry 5. Wood Working Plants

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina	1	5	5	5	5
South Carolina					
Georgia					
Florida					
TOTAL	1	5	5	5	5
REGION III					
Alabama					
Kentucky					
Mississippi	3	20	10	5	6.7
Tennessee	1	10	10	10	10
TOTAL	4	30	10	5	8.4
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	2	12.5	7.5	5	6.3
Minnesota					
North Dakota					
South Dakota					
TOTAL	2	12.5	7.5	5	6.3
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. Tot als	7	47.5	10	5	6.8
TVA a rea (also inclu ded above)	4	30	10	5	7.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group V Mineral Products
Type of Industry 1. Asphalt Plants

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky	1	15	15	15	15
Mississippi					
Tennessee					
TOTAL	1	15	15	15	15
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					
U.S. Totals	1	15	15	15	15

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group V. Mineral Products
Type of Industry 2. Coal Mines

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	7	62.5	20	5	9
Delaware					
Maryland					
Michigan					
Ohio	3	15	5	5	5
TOTAL	10	77.5	20	5	7.8
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky	1	5	5	5	5
Mississippi					
Tennessee	2	200	125	75	10 0
TOTAL	3	205	125	5	102.5
REGION IV					
Illinois	3	112.5	75	7.5	97.5
Indiana	1	7 5	75	75	75
Missouri	1	30	30	30	30
TOTAL	5	217.5	7 5	5	43.5

INDUSTRIAL LOADS ON REA SYSTEMS V-2

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa	2	10	5	5	5
TOTAL	2	10	5	5	5
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado	1	15	15	15	15
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	1	15	15	15	15
U.S. T otals	21	525.0	125	5	25
TVA area (also inc luded ab ove)	2	200	125	75	100

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group V. Mineral Produ cts
Type of Industry 3. Oil Lines

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri	1	5	5	5	5
TOTAL	1	5	5	5	5

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	1	10	10	10	10
Oklahoma					
TOTAL	1	10	10	10	10
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. Totals	2	15	10	5	7.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group V. Mineral Products
Type of Industry 4. Oil Well Pumps

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	1	15	15	15	15
Delaware					
Maryland					
Michigan	1	9	9	9	9
Ohio					
TOTAL	2	24	15	9	12
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III (ex. TVA)					
Alabama					
Kentucky					
Mississippi	4	45	22.5	5	11.3
Tennessee					
TOTAL	4	45	22.5	5	11.3
REGION IV					
Illinois	6	162.5	100	7.5	27.1
Indiana					
Missouri					
TOTAL	6	162.5	100	7.5	27.1

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	2	12.5	7.5	5	N. 6.3
Oklahoma	3	35	15	5	11.7
TOTAL	5	47.5	15	5	9.5
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. T ot als	17	279.0	100	5	16.4

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group V. Mine ral Products
Type of Industry 5. Oil Refi neries

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III (ex. TVA)					
Alabama					
Kentucky	1	30	30	30	30
Mississippi					
Tennessee					
TOTAL	1	30	30	30	30
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

[illegible]

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma	1	10	10	10	10
TOTAL	1	10	10	10	10
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah	1	5	5	5	5
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	1	5	5	5	5
U.S. Totals	3	45	30	5	15

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group V. Mineral Products
Type of Industry 6. Roller Mills

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	15	15	15	15
Florida					
TOTAL	1	15	15	15	15
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					
U.S. Totals	1	15	15	15	15

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group V. Mineral Products
Type of Industry 7. Graphi te Mines

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

[illegible]

[illegible] OF [illegible]

Provided by [illegible] [illegible] System, as of January, [illegible]

General Identification Number [illegible]
Type of Industry [illegible]

State	Number of Industries	Potential Cost $	Largest Cost $	Smallest Cost $	Average Cost $
Maine					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Virginia					
Ohio					
TOTAL					
Ohio					
West Virginia					
Tennessee					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
Florida					
Alabama					
Louisiana					
Mississippi					
Tennessee					
TOTAL					
Texas					
Illinois					
Indiana					
Kentucky					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	1	75	75	75	75
Oklahoma					
TOTAL	1	75	75	75	75
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. Totals	1	75	75	75	75

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group V. Mineral Products
Type of Industry 8. Phosphate Min es

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	1	15	15	1 5	15
TOTAL	1	15	15	15	15
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. Totals	1	15	15	15	15
TVA area (also included abov e)	1	15	15	15	15

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VI. Stone, Clay & Glass Products
Type of Industry I Brick and Tile Manufacturing

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio	2	72.5	50	22.5	36.3
TOTAL	2	72.5	50	22.5	36.3
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina	2	175	150	25	87.5
Georgia					
Florida					
TOTAL	2	175	150	25	87.5
REGION III					
Alabama					
Kentucky					
Mississippi	1	112.5	112.5	112.5	112.5
Tennessee	1	225	225	225	225
TOTAL	2	337.5	225	112.5	168.8
REGION IV					
Illinois	1	195	195	195	195
Indiana					
Missouri					
TOTAL	1	195	195	195	195

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	7	780	225	22.5	111.4
TVA area (also included above)	2	337.5	225	112.5	168.8

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VI Stone Clay & Glass Products
Type of Industry 3. Clay Products (Miscellaneous

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina	1	5	5	5	5
Georgia	1	10	10	10	10
Florida					
TOTAL	2	15	10	5	7.5
REGION III					
Alabama					
Kentucky					
Mississippi	3	325	300	10	108.3
Tennessee	1	150	150	150	150
TOTAL	4	475	300	10	129.2
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado	1	5	5	5	5
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	1	5	5	5	5
U. S. Total	7	495	300	5	70.6
TVA area(also included above.)	4	475	300	10	118.8

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VI. Stone, Clay & Glass Products
Type of Industry 4. Felspar and Fluorospar plants

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois	5	300	150	15	60
Indiana					
Missouri					
TOTAL	5	300	150	15	60
U.S. TOTAL	5	300	150	15	60

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VI Stone Clay & Glass Products
Type of Industry 5 Glass, Sand Processing

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada	2	150	75	75	75
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	2	150	75	75	75
U. S. Total	2	150	75	75	75

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VI. Stone, Clay, & Glass Products
Type of Industry 6 Rock Crushing

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio	1	7.5	7.5	7.5	7.5
TOTAL	1	7.5	7.5	7.5	7.5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	5	5	5	5
Florida					
TOTAL	1	5	5	5	5
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	3	382.5	225	45	127.5
TOTAL	3	382.5	225	45	127.5
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

395

VI. Stone, Clay, & Glass Products
6 Rock Crushing

1	7.5	7.5	7.5	7.5
1	7.5	7.5	7.5	7.5
1	5	5	5	5
1	5	5	5	5
3	382.5	225	45	127.5
3	382.5	225	45	127.5

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota	1	22.5	22.5	22.5	22.5
North Dakota					
South Dakota					
TOTAL	1	22.5	22.5	22.5	22.5
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	6	417.5	225	5	69.6
TVA area(also included above)	3	382.5	225	45	127.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VI. Stone, Clay & Glass Products
Type of Industry 7. Shale Quarries

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan	1	105	105	105	105
Ohio					
TOTAL	1	105	105	105	105
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					
U.S. TOTAL	1	105	105	105	105

[illegible]

Surveyed by [illegible] [illegible]

General Classification [illegible]

Type of Country [illegible]

State	Number of Elements	Temperature Lines	Magnetic Dipole	Magnetic Field	Average Lines
Section I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Virginia					
Total	1	1.00	1.00	0.00	[illegible]
Section II					
North Carolina					
South Carolina					
Georgia					
North Dakota					
South Dakota					
Nebraska					
Kansas					
Total					
Section III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
Total					
Section IV					
Illinois					
Indiana					
Ohio					
Total					

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VI. Stone, Clay & Glass Products
Type of Industry 8. Stone Quarries

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio	4	347.5	112.5	60	86.9
TOTAL	4	347.5	112.5	60	86.9
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	5	5	5	5
Florida					
TOTAL	1	5	5	5	5
REGION III					
Alabama					
Kentucky	1	5	5	5	5
Mississippi					
Tennessee	3	275	225	5	91.7
TOTAL	4	280	225	5	48.4
REGION IV					
Illinois					
Indiana	1	225	225	225	225
Missouri					
TOTAL	1	225	225	225	225

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	10	857.5	225	5	85.8
TVA area (also included above)	3	275	225	5	91.7

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VI Stone Clay & Glass Products
Type of Industry 9 Gravel Plant

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi	4	630	225	30	157.5
Tennessee	3	1050	450	300	350
TOTAL	7	1680	450	300	157.5
REGION IV					
Illinois	1	30	30	30	30
Indiana	2	27.5	22.5	5	13.8
Missouri					
TOTAL	3	57.5	30	5	19.2

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa	2	12.5	7.5	5	6.3
TOTAL	2	12.5	7.5	5	6.3
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona	1	15	15	15	15
Nevada	1	75	75	75	75
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	2	90	75	15	45
U. S. Total	14	1,840	450	5	167.3
TVA area (also included above)	6	1650	450	300	275

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VI Stone, Clay and Glass Products
Type of Industry 10. Cement Factories

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	1	3750	3750	3750	3750
TOTAL	1	3750	3750	3750	3750
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

VI
10

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	1	3750	3750	3750	3750
TVA area (also included above)	1	3750	3750	3750	3750

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VI Stone, Clay and Glass Products
Type of Industry 11. Lime Manufacturing

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	1	600	600	600	600
TOTAL	1	600	600	600	600
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	1	600	600	600	600
TVA area (also included above	1	600	600	600	600

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VII Miscellaneous Industrial & Commercial Consumers
Type of Industry 1. Machine Shops, Blacksmith Shops & Blowers

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan	1	10	10	10	10
Ohio	1	5	5	5	5
TOTAL	2	15	10	5	7.5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	5	5	5	5
Florida					
TOTAL	1	5	5	5	5
REGION III					
Alabama					
Kentucky					
Mississippi	2	10	5	5	5
Tennessee	3	65	25	20	21.7
TOTAL	5	75	25	5	13.4
REGION IV					
Illinois	1	5	5	5	5
Indiana					
Missouri					
TOTAL	1	5	5	5	5

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	2	12.5	7.5	5	6.3
Minnesota					
North Dakota					
South Dakota					
TOTAL	2	12.5	7.5	5	6.3
REGION VI					
Kansas	2	10	5	5	5
Nebraska					
Iowa	1	17.5	17.5	17.5	17.5
TOTAL	3	27.5	17.5	5	9.2
REGION VII					
Arkansas					
Louisiana					
Texas	3	17.5	7.5	5	5.8
Oklahoma	5	39	10	5	7.8
TOTAL	8	56.5	10	5	7.1
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. TOTAL	22	196.5	25	5	8.9
TVA AREA (also included above)	5	75	25	5	15

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VII Miscellaneous Industrial & Commercial Consumers
Type of Industry 2. Welders

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois	1	17.5	17.5	17.5	17.5
Indiana					
Missouri					
TOTAL	1	17.5	17.5	17.5	17.5

INDUSTRIAL LOADS ON REA SYSTEMS VII-2

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota	1	10	10	10	10
North Dakota					
South Dakota					
TOTAL	1	10	10	10	10
REGION VI					
Kansas					
Nebraska					
Iowa	1	7.5	7.5	7.5	7.5
TOTAL	1	7.5	7.5	7.5	7.5
REGION VII					
Arkansas	3	15	5	5	5
Louisiana					
Texas	2	15	7.5	7.5	7.5
Oklahoma	1	5	5	5	5
TOTAL	6	35	7.5	5	5.8
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. TOTAL	9	70	17.5	5	7.8

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VII Miscellaneous Industrial & Commercial Consumers
Type of Industry 3. Tobacco and Cigarette Manufacturers

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	6	71	27.5	10	11.8
TOTAL	6	71	27.5	10	11.8
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS VII-3

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. TOTALS	6	71	27.5	10	11.8
TVA AREA (also included above)	6	71	27.5	10	11.8

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VII Miscellaneous Industrial & Commercial Consumers
Type of Industry 4. Novelties Manufacturing

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri	1	7.5	7.5	7.5	7.5
TOTAL	1	7.5	7.5	7.5	7.5
U.S. TOTAL	1	7.5	7.5	7.5	7.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VII. Miscellaneous Industrial & Com. Consumers
Type of Industry 5. Auto Body Building

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey	1	7.5	7.5	7.5	7.5
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL	1	7.5	7.5	7.5	7.5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					
U. S. TOTAL	1	7.5	7.5	7.5	7.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VII. Miscellaneous Industrial & Com. Consumers
Type of Industry 6. Household Appliances Manufacturing

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	2	645	600	45	322.5
TOTAL	2	645	600	45	322.5
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

#VII-6

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana	1	5	5	5	5
Texas	1	15	15	15	15
Oklahoma					
TOTAL	2	20	15	5	10
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. TOTAL	4	665	600	5	166.3
TVA area (also included above)	2	645	600	45	322.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VII Miscellaneous Industrial & Commercial Consumers
Type of Industry 7. Amusement Halls

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio	1	5	5	5	5
TOTAL	1	5	5	5	5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama	2	17.5	10	7.5	8.8
Kentucky					
Mississippi	1	7.5	7.5	7.5	7.5
Tennessee					
TOTAL	3	25	10	7.5	8.3
REGION IV					
Illinois					
Indiana	1	7.5	7.5	7.5	7.5
Missouri	1	5	5	5	5
TOTAL	2	12.5	7.5	5	6.3

INDUSTRIAL LOADS ON REA SYSTEMS VII-7

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	3	22.5	10	5	7.5
Minnesota	5	30	7.5	5	6
North Dakota					
South Dakota					
TOTAL	8	52.5	10	5	6.6
REGION VI					
Kansas					
Nebraska	2	12.5	7.5	5	6.3
Iowa					
TOTAL	2	12.5	7.5	5	6.3
REGION VII					
Arkansas					
Louisiana	2	30	25	5	15
Texas					
Oklahoma					
TOTAL	2	30	25	25	15
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana	1	10	10	10	10
Wyoming					
Washington					
Oregon					
California					
TOTAL	1	10	10	10	10
U.S. TOTAL	19	147.5	25	5	7.8

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VII. Miscellaneous Industrial & Com. Consumers
Type of Industry 8. Amusement Parks

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	1	7.5	7.5	7.5	7.5
Delaware					
Maryland	2	10	5	5	5
Michigan					
Ohio					
TOTAL	3	17.5	5	5	5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	7.5	7.5	7.5	7.5
Florida					
TOTAL	1	7.5	7.5	7.5	7.5
REGION III					
Alabama					
Kentucky					
Mississippi	1	5	5	5	5
Tennessee					
TOTAL	1	5	5	5	5
REGION IV					
Illinois					
Indiana	1	5	5	5	5
Missouri					
TOTAL	1	5	5	5	5

INDUSTRIAL LOADS ON REA SYSTEMS #VII-8.

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	1	5	5	5	5
Minnesota					
North Dakota					
South Dakota					
TOTAL	1	5	5	5	5
REGION VI					
Kansas					
Nebraska					
Iowa	1	5	5	5	5
TOTAL	1	5	5	5	5
REGION VII					
Arkansas					
Louisiana					
Texas	1	15	15	15	15
Oklahoma					
TOTAL	1	15	15	15	15
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. TOTAL	9	60	15	5	7.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VII Miscellaneous Industrial & Commercial Consumers
Type of Industry 9. Construction Companies

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland	1	5	5	5	5
Michigan					
Ohio					
TOTAL	1	5	5	5	5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	1	7.5	7.5	7.5	7.5
Minnesota					
North Dakota					
South Dakota					
TOTAL	1	7.5	7.5	7.5	7.5
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. TOTAL	2	12.5	7.5	5	6.3

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VII Miscellaneous Industrial & Commercial Consumers
Type of Industry 10. Race Tracks

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana	1	50	50	50	50
Missouri					
TOTAL	1	50	50	50	50
U.S. TOTAL	1	50	50	50	50

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VII Miscellaneous Industrial & Commercial Consumers
Type of Industry 11. Hotels

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan	3	25	10	5	8.3
Ohio					
TOTAL	3	25	10	5	8.3
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	5	5	5	5
Florida					
TOTAL	1	5	5	5	5
REGION III					
Alabama					
Kentucky	1	5	5	5	5
Mississippi	1	22.5	22.5	22.5	22.5
Tennessee	1	62.5	62.5	62.5	62.5
TOTAL	3	90	62.5	5	30
REGION IV					
Illinois					
Indiana	1	5	5	5	5
Missouri	1	5	5	5	5
TOTAL	2	10	5	5	5

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	1	5	5	5	5
Minnesota	1	150	150	150	150
North Dakota					
South Dakota					
TOTAL	2	155	150	5	77.5
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona	4	35	10	7.5	8.8
Nevada					
New Mexico	1	20	20	20	20
Idaho	2	20	10	10	10
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California	2	10	5	5	5
TOTAL	9	85	20	5	9.5
U.S. TOTAL	20	370	150	5	18.5
TVA AREA (also included above)	1	62.5	62.5	62.5	62.5

8.

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VII Miscellaneous Industrial and Com. Consumers
Type of Industry 12. Motion Picture Theaters

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	6	218	60	18	36.3
TOTAL	6	218	60	18	36.3
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS #VII-12.

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah	2	25	15	10	12.5
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	2	25	15	10	12.5
U. S. TOTAL	8	243	60	10	30.4
TVA area (also included above)	6	218	60	18	36.3

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VII. Miscellaneous Industrial and Com. Consumers
Type of Industry 13. Resort and Tourist Camps

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan	4	97.5	75	5	24.4
Ohio					
TOTAL	4	97.5	75	5	24.4
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina	1	5	5	5	5
Georgia	1	5	5	5	5
Florida					
TOTAL	2	10	5	5	5
REGION III					
Alabama	1	5	5	5	5
Kentucky	3	15	5	5	5
Mississippi	3	42.5	30	5	14.2
Tennessee					
TOTAL	7	62.5	30	5	8.9
REGION IV					
Illinois	1	5	5	5	5
Indiana	1	5	5	5	5
Missouri	1	15	15	15	15
TOTAL	3	25	15	5	8.3

INDUSTRIAL LOADS ON REA SYSTEMS #VII-13.

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	1	5	5	5	5
Minnesota	2	10	5	5	5
North Dakota					
South Dakota					
TOTAL	3	15	5	5	5
REGION VI					
Kansas	1	5	5	5	5
Nebraska					
Iowa	2	10	5	5	5
TOTAL	3	15	5	5	5
REGION VII					
Arkansas					
Louisiana					
Texas	2	10	5	5	5
Oklahoma					
TOTAL	2	10	5	5	5
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho	2	12.5	7.5	5	6.3
Colorado					
Utah					
Montana					
Wyoming					
Washington	4	22.5	7.5	5	5.6
Oregon					
California					
TOTAL	6	35	7.5	5	5.8
U. S. TOTAL	30	270	75	5	9
TVA area (also included above)	1	30	30	30	30

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VII Miscellaneous Industrial & Commercial Consumers
Type of Industry 14. Stores, Offices, Filling Stations & Taverns

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio	2	10	5	5	5
TOTAL	2	10	5	5	5
REGION II					
West Virginia					
Virginia					
North Carolina	1	5	5	5	5
South Carolina					
Georgia	2	10	5	5	5
Florida					
TOTAL	3	15	5	5	5
REGION III					
Alabama					
Kentucky	4	25	7.5	5	6.3
Mississippi	6	55	15	5	9.2
Tennessee					
TOTAL	10	80	15	5	8
REGION IV					
Illinois	1	10	10	10	10
Indiana	1	7.5	7.5	7.5	7.5
Missouri	5	29	9	5	5.8
TOTAL	7	46.5	10	5	6.6

INDUSTRIAL LOADS ON REA SYSTEMS VII-14

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	8	45	10	5	5.6
Minnesota	2	12.5	7.5	5	6.3
North Dakota					
South Dakota					
TOTAL	10	57.5	10	5	5.8
REGION VI					
Kansas	1	5	5	5	5
Nebraska	2	22.5	15	7.5	11.3
Iowa	2	12.5	7.5	5	6.3
TOTAL	5	40	15	5	8
REGION VII					
Arkansas	1	5	5	5	5
Louisiana					
Texas	3	17.5	7.5	5	5.8
Oklahoma	1	5	5	5	5
TOTAL	5	27.5	7.5	5	5.5
REGION VIII					
Arizona					
Nevada					
New Mexico	5	35	10	5	7
Idaho	17	160	10	5	9.4
Colorado					
Utah					
Montana	1	5	5	5	5
Wyoming					
Washington	7	55	17.5	5	9.1
Oregon	1	10	10	10	10
California	3	15	5	5	5
TOTAL	34	280	17.5	5	8.2
U.S. TOTAL	76	556.5	17.5	5	7.3
TVA AREA (also included above)	4	30	15	5	7.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VIII. Textiles and Textile Products
Type of Industry 1. Bedspread Manufacturing

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	4	100	25	25	25
Florida					
TOTAL	4	100	25	25	25
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS #VIII-1

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. TOTAL	4	100	25	25	25
TVA area (also included above)	4	100	25	25	25

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VIII. Textiles and Textile Products
Type of Industry 2. Clothing Manufacturing

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi	7	484.5	112	15	69.2
Tennessee					
TOTAL	7	484.5	112	15	69.2
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS #VIII.-2.

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. TOTAL	7	484.5	112	15	69.2
TVA area (also included above)	7	484.5	112	15	69.2

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VIII. Textiles and Textile Products
Type of Industry 3. Hosiery Mills

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina	1	5	5	5	5
South Carolina					
Georgia					
Florida					
TOTAL	1	5	5	5	5
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	3	490	450	10	163.3
TOTAL	3	490	450	10	163.3
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS #VIII-3.

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. TOTAL	4	495	450	5	122.5
TVA area (also included above)	3	490	450	10	163.3

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VIII. Textiles and Textiles Products
Type of Industry 4. Knitting Mills

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	5	5	5	5
Florida					
TOTAL	1	5	5	5	5
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					
U. S. TOTAL	1	5	5	5	5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VIII. Textiles and Textile Products
Type of Industry 5. Silk and Rayon Products Manufacturing

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	1	75	75	75	75
TOTAL	1	75	75	75	75
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS #VIII-5.

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. TOTAL	1	75	75	75	75
TVA area (also included above)	1	75	75	75	75

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VIII. Textiles and Textile Products
Type of Industry 6. Miscellaneous Textile Manufacturing

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina	1	150	150	150	150
South Carolina					
Georgia					
Florida					
TOTAL	1	150	150	150	150
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS #VIII-6.

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	1	5	5	5	5
Oklahoma					
TOTAL	1	5	5	5	5
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. TOTAL	2	155	150	5	77.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group IX Chemical s
Type of Industry 1. Munitions Manufacturing

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	1	7.5	7.5	7.5	7.5
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL	1	7.5	7.5	7.5	7.5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	1	15	15	15	15
Minnesota					
North Dakota					
South Dakota					
TOTAL	1	15	15	15	15
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. Totals	2	22.5	15	7.5	11.3

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group IX. Chemicals
Type of Industry 2. Fertilizers

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio	2	15	10	5	7.5
TOTAL	2	15	10	5	7.5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	1	5	5	5	5
Minnesota					
North Dakota					
South Dakota					
TOTAL	1	5	5	5	5
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana	1	30	30	30	30
Texas					
Oklahoma					
TOTAL	1	30	30	30	30
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. Totals	4	50	30	5	12.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group IX. Chemi cals
Type of Industry 3. Rendering Plants

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota	1	75	75	75	75
North Dakota					
South Dakota					
TOTAL	1	75	75	75	75
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. Totals	1	75	75	75	75

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 3 95 REA Systems, as of January, 1940

General Classification Group IX. Chemical s
Type of Industry 4. Tung Oil Plants

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida	1	75	75	75	75
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					
U.S. Totals	1	75	75	75	75

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group IX. Chemicals
Type of Industry 5. Electrolysis

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri	1	5	5	5	5
TOTAL	1	5	5	5	5
U.S. Totals	1	5	5	5	5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group IX. Chemicals
Type of Industry 6. Paint an d Pig ment Manufacturing

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	1	45	45	45	45
TOTAL	1	45	45	45	45
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. Tota l	1	45	45	45	45
TVA area (also included above)	1	45	45	45	45

BREAKDOWN BY STATES — INDIVIDUAL INDUSTRIES IN EACH STATE

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY 1940

ALABAMA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large Farm Use	45	247.5	5.5
3. Cotton Gins	4	303	75.8
5. Cold Storage (general)	1	5	5
7. Farmer's Cooperatives	1	7.5	7.5
16. Refrigeration	1	7.5	7.5
18. Corn Shelling	1	10	10
II. Govermental Services, Utilities and Institutions			
3. CCC Camps	3	32.5	10.8
4. National Park Service	1	5	5
7. U.S. Army and Navy	1	10	10
11. Prisons and Prison Farms	3	25	8.3
13. Schools	4	40	10
III. Food Processing			
4. Dairies	1	5	5
6. Animal and Fowl Foods	6	110	18.3
IV. Forest Products			
2. Furniture Factories	1	7.5	7.5
VII. Miscellaneous Industrial and Commercial Consumers			
7. Amusement Halls	2	17.5	8.8
13. Resort and Tourist Camps	1	5	5
TOTAL	76	838	11.0

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY, 1940

ARIZONA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I Farm Industries			
1. Large Farm Use	2	45	22.5
2. Irrigation	1	15	15
3. Cotton Gins	1	150	150
III Food Processing			
4. Dairies	1	22.5	22.5
VI Stone, Clay & Glass Products			
9. Gravel plants	1	15	15
VII Miscellaneous Industries and Commercial Consumers			
11. Hotels	4	35	8.8
Total	10	282.5	28.3

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY, 1940
ARKANSAS

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large farm use	7	42.5	6.1
2. Irrigation	5	30	6
3. Cotton gins	1	75	75
13. Hatcheries, poultry farms and brooders	1	5	5
II. Governmental Services, Utilities and Institutions			
3. CCC Camps	2	30	15
13. Schools	2	10	5
16. Sewage disposal	1	10	10
20. Public Utilities (Miscellaneous)	1	25	25
III. Food Processing			
6. Animal and Fowl Foods	2	15	7.5
10. Fruit Packing Plants	1	10	10
VII. Miscellaneous Industrial and Commercial Consumers			
2. Welders	3	15	5
14. Stores, Offices, Filling Stations, and Taverns	1	5	5
Total	27	272.5	10.1

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY 1940

CALIFORNIA

AVERAGE CONNECTED LOAD OF INDUSTRIES ON REA LINES

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
2. Irrigation	3	15	5
15. Water Pumps	2	12	6
17. Seed cleaning, drying & packing	1	10	10
III. Food Processing			
4. Dairies	3	19	6.3
6. Animal & Fowl Foods	2	35	17.5
7. Flour Mills	1	30	30
IV. Forest Products			
4. Lumber Yards & Planing Mills	2	60	30
VII. Miscellaneous Industrial and Commercial Consumers			
11. Hotels	2	10	5
14. Stores, Offices, Filling Stations & Taverns	3	15	5
TOTAL	19	206	10.8

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY, 1940

COLORADO

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large farm use	9	75	8.3
2. Irrigation	84	1645	19.6
II. Governmental Services, Utilities and Institutions			
7. U.S. Army and Navy	1	30	30
III. Food Processing			
6. Animal and Fowl Foods	6	116	19.3
8. Grain Elevators	2	42.5	21.3
10. Fruit Packing Plants	1	10	10
12. Sugar Beet Dumps and Refineries	1	6	6
IV. Forest Products			
4. Sawmills	1	10	10
V. Mineral Products			
2. Coal Mines	1	15	15
VI. Stone, Clay and Glass Products			
3. Miscellaneous Clay Products	1	5	5
Total	107	1,954.5	18.3

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY, 1940

DELAWARE

Industry	Total No. Served	Total Load KVA	Average Load per Industry
III. Food Processin g			
2. Canning Factories	1	15	15
IV. Forest Products			
4. Sawmills	1	15	15
Total	2	30	15

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY 1940

FLORIDA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
2. Irrigation	16	110	6.9
IX. Chemicals			
4. Tung Oil Plants	1	75	75
Total	17	185	10.9

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY 1940

GEORGIA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large Farm Use	35	237.5	6.8
2. Irrigation	1	5	5
3. Cotton gins	6	450	75
5. Cold Storage (general)	1	30	30
9. Fruit and vegetable graders and washers	1	15	15
11. Fish Hatcheries	1	5	5
13. Hatcheries, Poultry Farms and Brooders	1	10	10
II. Governmental Services, Utilities Institution			
3. C.C.C. Camps	3	30	10
5. Radio Range Stations	1	15	15
7. U. S. Army and Navy	1	450	450
11. Prisions and Prison Farms	1	7.5	7.5
14. Municipal (general)	2	25	12.5
21. Railroad Stations	1	5	5
23. Railroad Pumps	1	5	5
27. Orphan Homes	1	10	10
III. Food Processing			
4. Dairies	12	70	5.8
6. Animal and Fowl Foods	9	97.5	10.8
9. Ice Plants	1	7.5	7.5
10. Fruit Packing Plants	15	92.5	6.2
IV. Forest Products			
3. Lumber Yards & Planing Mills	1	5	5

GEORGIA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
V. Mineral Products			
6. Roller Mills	1	15	15
VI. Stone, Clay and Glass Products			
3. Miscellaneous Clay Products	1	10	10
6. Rock Crushing	1	5	5
8. Stone Quarries	1	5	5
VII. Miscellaneous Industrial and Commercial Consumers			
1. Machine Shops, Blacksmith Shops and Blowers	1	5	5
8. Amusement Parks	1	7.5	7.5
11. Hotels	1	5	5
13. Resort and Tourist Camps	1	5	5
14. Stores, Offices, Filling Stations and Taverns	2	10	5
VIII. Textiles and Textile Products			
1. Bedspread Manufacturing	4	100	25
4. Knitting Mills	1	5	5
Total	110	1,745	15.8

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY, 1940

IDAHO

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I Farm Industries			
1. Large Farm Use	98	502.5	5.1
2. Irrigation	1	5	5
12. Game Farms	1	7.5	7.5
II Governamental Services, Utilities & Institutions			
3. C. C. C. Camps	2	15	7.5
5. National Park Service	1	5	5
13. Schools	3	45	15
15. Municipal (Water Supply)	2	27.5	13.8
20. Public Utilities (Miscellaneous)	1	25	25
21. Railroad Stations	1	7.5	7.5
27. Orphan Homes	3	17.5	5.8
III Food Processing			
4. Dairies	2	10	5
7. Flour Mills	1	9	9
8. Grain Elevators	7	146.5	20.7
IV Forest Products			
4. Sawmills	2	10	5
VII Miscellaneous Industrial and Commercial Consumers			
11. Hotels	2	20	10
13. Resort & Tourist Camps	2	12.5	6.3
14. Stores, Offices, Filling Stations & Taverns	17	160	9.4
Total	146	1,025.5	7.2

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY, 1940

ILLINOIS

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I Farm Industries			
1. Large Farm Use	8	95	11.9
2. Irrigation	19	265	13.9
17. Seed cleaning, drying & packing	4	50	12.5
II Governmental Services, Utilities and Institutions			
3. C. C. C. Camps	1	15	15
24. Coal Docks	1	15	15
III Food Processing			
6. Animal & Fowl Foods	3	49	16.3
8. Grain Elevators	17	365	21.5
10. Fruit Packing Plants	1	10	10
V Mineral Products			
2. Coal Mines	3	112.5	37.5
4. Oil Well Pumps	6	162.5	27
VI Stone, Clay & Glass Products			
1. Brick & Tile Manufacturing	1	195	195
4. Felspar & Fluorospar Plants	5	300	60
9. Gravel Plants	1	30	30
VII Miscellaneous Industrial and Commercial Consumers			
1. Machine Shops	1	5	5
2. Welders	1	17.5	17.5
13. Resort & Tourist Camps	1	5	5
14. Stores, Offices, Filling Stations and Taverns	1	10	10
Total	74	1701.5	23

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY, 1940

INDIANA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I Farm Industries			
1. Large Farm Use	55	280	5.1
2. Irrigation	13	140	10.8
13. Hatcheries, Poultry Farms and Brooders	1	7.5	7.5
14. Nurseries & Experimental Stations	1	27	27
17. Seed Cleaning, Drying & Packing	3	17.5	5.8
18. Corn Shelling	1	5	5
II Governmental Service, Utilities and Institutions			
1. Airplane Beacons	1	7.5	7.5
3. C. C. C. Camps	2	15	7.5
13. Schools	3	27.5	9.2
27. Orphans Homes	1	225	225
III Food Processing			
6. Animal & Fowl Foods	19	195	10.3
8. Grain elevators	9	302.5	33.6
14. Slaughterhouses	1	15	15
IV Forest Products			
4. Sawmills	1	30	30
V Mineral Products			
2. Coal Mines	1	75	75

INDIANA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
VI Stone, Clay & Glass Products			
8 Stone Quarries	1	225	225
9 Gravel Plants	2	27.5	13.8
VII Miscellaneous Industrial and Commercial Consumers			
7. Amusement Halls	1	7.5	7.5
8. Amusement Parks	1	5	5
10. Race Tracks	1	50	50
11. Hotels	1	5	5
13. Resort & Tourist Camps	1	5	5
14. Stores, Offices, Filling Stations & Taverns	1	7.5	7.5
Total	121	1,702	6.7

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY 1940

IOWA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large Farm Use	147	772.5	5.2
2. Irrigation	22	120	5.5
13. Hatcheries, Poultry Farms and Brooders	1	5	5
15. Water Pumps	2	17.5	8.8
17. Seed Cleaning , drying and packing	4	30	7.5
II. Governmental Services, Utilities and Institutions			
3. CCC Camps	1	10	10
13. Schools	5	30	6
III. Food Processing			
3. Cheese Factories	1	5	5
4. Dairies	14	122.5	8.8
6. Animal and Fowl Foods	20	175	8.8
8. Grain Elevators	8	48.5	6.1
14. Slaughter Houses	1	7.5	7.5
V. Mineral Products			
2. Coal Mines	2	10	5
VI. Stone, Clay and Glass Products			
9. Grovel Plants	2	125	6.3
VII. Miscellaneous Industrial and Commercial Consumers			
1. Machine Shops, Blacksmith Shops and Blowers	1	17.5	17.5

IOWA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
VII. Miscellaneous Industrial and Commercial Consumers (cont'd			
2. Welders	1	7.5	7.5
8. Amusement Parks	1	5	5
13. Resort & Tourist Camps	2	10	5
14. Stores, Offices, Filling Stations & Taverns	2	12.5	6.3
TOTAL	237	1,418.5	6.0

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY 1940

KANSAS

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large Farm Use	59	295	5
9. Fruit and Vegetable graders and washers	3	47.5	15.8
13. Hatcheries, Poultry Farms and Brooders	1	5	5
III. Food Processing			
4. Dairies	1	5	5
6. Animal and Fowl Foods	4	40	10
8. Grain Elevators	8	57.5	7.2
VII. Miscellaneous Industrial and Commercial Consumers			
1. Machine Shops, Blacksmith Shops and Blowers	2	10	5
13. Resort and Tourist Camps	1	5	5
14. Stores, Offices, Filling Stations and Taverns	1	5	5
TOTAL	80	470	5.9

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY 1940

KENTUCKY

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large Farm Use	92	487.5	5.2
2. Irrigation	11	140	12.7
5. Cold Storage (general)	1	20	20
13. Hatcheries, Poultry farms and brooders	3	17.5	5.8
15. Water Pumps	1	5	5
II. Governmental Services, Utilities and Institutions			
1. Airplane Beacons	1	5	5
5. Radio Range Stations	1	15	15
9. Soil Conservation Service	2	15	7.5
13. Schools	5	30	6
15. Municipal (Water supply)	1	5	5
17. Street Lighting	1	5	5
III. Food Processing			
4. Dairies	7	57.5	8.2
5. Distilleries	1	22.5	22.5
6. Animal and Fowl Foods	2	12.5	6.3
10. Fruit Packing Plants	2	25	12.5
V. Mineral Products			
1. Asphalt Plants	1	15	15
2. Coal Mines	1	5	5
5. Oil Refineries	1	30	30

KENTUCKY

Industry	Total No. Served	Total Load KVA	Average Load per Industry
VI. Stone, Clay and Glass Products			
8. Stone Quarries	1	5	5
VII. Miscellaneous Industrial and Commercial Consumers			
11. Hotels	1	5	5
13. Resort and Tourist Camps	3	15	5
14. Stores, Offices, Filling Stations and Taverns	4	25	6.2
Total	143	962.5	6.7

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY, 1940

LOUISIANA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large Farm Use	1	10	10
2, Irrigation	1	10	10
15. Water Pumps	1	7.5	7.5
II. Governmental Services, Utilities and Institutions			
3. CCC Camps	1	7.5	7.5
13. Schools	2	12.5	6.3
III. Food Processing			
2. Canning Factories	1	15	15
4. Dairies	4	20	5
13. Sugar Cane Presses and Refineries	1	30	30
VII. Miscellaneous Industrial and Commercial Consumers			
7. Amusement Halls	2	30	15
IX. Chemicals			
2. Fertilizers	1	30	30
Total	16	177.5	11.1

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY, 1940

MAINE

Industry	Total No. Served	Total Load KVA	Average Load per Industry
IV. Forest Products			
4. Sawmills	1	45	45
Total	1	45	45

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY, 1940

MARYLAND

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large Farm Use	11	55	5
13. Hatcheries, Poultry Farms and brooders	1	10	10
II. Governmental Services, Utilities and Institutions			
15. Municipal (Water Supply)	2	10	5
III. Food Processing			
6. Animal and Fowl Foods	1	5	5
9. Ice Plants	1	7.5	7.5
IV. Forest Products			
3. Lumber Yards & Planing Mills	1	7.5	7.5
VII. Miscellaneous Industrial and Commercial Consumers			
8. Amusement Parks	2	10	5
9. Construction Companies	1	5	5
Total	20	110	5.5

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY, 1940

MICHIGAN

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large farm use	113	572.5	5.1
2. Irrigation	1	15	15
5. Cold Storage (general)	1	22.5	22.5
9. Fruit and Vegetable graders and washers	2	27.5	13.8
10. Fair Associations	1	25	25
13. Hatcheries, poultry farms and brooders	1	7.5	7.5
II. Governmental Services, Utilities and Institutions			
3. C.C.C. Camps	4	37.5	9.4
10. State Parks	2	25	12.5
12. County Farms	1	5	5
13. Schools	2	47.5	23.8
17. Street Lighting	1	7.5	7.5
24. Coal Docks	1	75	75
III. Food Processing			
4. Dairies	3	15	5
6. Animal and Fowl Foods	2	19	9.5
8. Grain Elevators	2	32.5	16.25
IV. Forest Products			
4. Sawmills	2	15	7.5
V. Mineral Products			
4. Oil Well Pumps	1	9	9
VI. Stone, Clay and Glass Products			
7. Shale Quarries	1	105	105

MICHIGAN

Industry	Total No. Served	Total Load KVA	Average Load per Industry
VII. Miscellaneous Industrial and			
Commercial Consumers			
1. Machine Shops, Blacksmith			
Shops and Blowers	1	10	10
11. Hotels	3	25	8.3
13. Resort & Tourist Camps	4	97.5	24.4
Total	149	1195.5	8

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY 1940

MINNESOTA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large Farm Use	14	77.5	5.5
2. Irrigation	13	70	5.4
6. Cold Storage (locker)	2	12.5	6.3
13. Hatcheries, Poultry Farms and Brooders	6	47.5	7.8
17. Seed cleaning, drying & packing	2	10	5
II. Governmental Services, Utilities and Institutions			
1. Airplane Beacons	1	5	5
2. Airplane Fields	1	5	5
3. CCC Camps	1	10	10
8. Lighthouses	1	35	35
10. State Parks	1	5	5
13. Schools	3	35	11.7
19. Wholesale Light & Power	1	12.5	12.5
III. Food Processing			
3. Cheese Factories	2	10	5
4. Dairies	24	521	21.7
6. Animal & Fowl Foods	5	80	16
8. Grain Elevators	3	67	22.3
IV. Forest Products			
4. Sawmills	1	15	15
VI. Stone, Clay & Glass Products			
6. Rock Crushing	1	22.5	22.5

MINNESOTA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
VII. Miscellaneous Industrial and			
Commercial Consumers			
2. Welders	1	10	10
7. Amusement Halls	5	30	6
11. Hotels	1	150	150
13. Resort & Tourist Camps	2	10	5
14. Stores, offices, filling stations	2	12.5	6.3
IX. Chemicals			
3. Rendering Plants	1	75	75
TOTAL	94	1,328	14

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY 1940

MISSISSIPPI

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large Farm Use	51	337.5	6.6
2. Irrigation	7	35	5
3. Cotton gins	30	1,990	66.5
14. Nurseries and Experimental Stations	1	5	5
15. Water Pumps	1	5	5
II. Governmental Services, Utilities and Institutions			
1. Airplane Beacons	3	15	5
2. Airplane Fields	1	10	10
3. CCC Camps	4	45	11.2
10. State Parks	3	62.5	20.8
13. Schools	5	725	145
14. Municipal (general)	1	10	10
15. Muncipal (water supply)	4	115	28.8
23. Railroad Pumps	4	115	29
III. Food Processing			
3. Cheese Factories	2	50	25
4. Dairies	5	170	34
6. Animal and Fowl Foods	20	292.5	14.6
10. Fruit Packing Plants	1	75	75
IV. Forest Products			
2. Furniture Factories	1	10	10
3. Lumber yards & planing mills	1	50	50
4. Sawmills	1	20	20
5. Woodworking Plants	3	20	6.7

MISSISSIPPI

Industry	Total No. Served	Total Load KVA	Average Load per Industry
V. Mineral Products			
4. Oil Well Pumps	4	45	11.2
VI. Stone, Clay and Glass Products			
1. Brick and Tile Manufacturing	1	112.5	112.5
3. Miscellaneous Clay Products	3	325	108.3
9. Gravel Plants	4	630	157.5
VII. Miscellaneous Industrial and Commercial Consumers			
1. Machine shops, Blacksmith shops and Blowers	2	10	5
7. Amusement Halls	1	7.5	7.5
8. Amusement Parks	1	5	5
11. Hotels	1	22.5	22.5
13. Resort and Tourist Camps	3	42.5	14.2
14. Stores, offices, filling stations and taverns	6	55	9
TOTAL	175	5,412.5	31.0

CONNECTED INDUSTRIAL LOADS
REA SYSTEM, JANUARY, 1940

MISSOURI

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I Farm Industries			
1. Large Farm Use	121	662.5	5.5
2. Irrigation	3	20	6.7
3. Cotton Gins	1	30	30
13. Hatcheries, Poultry Farms and Brooders	1	5	5
II Governmental Services, Utilities and Institutions			
1. Airplane Beacons	1	7.5	7.5
3. C. C. C.	2	15	7.5
9. Soil Conservation Service	1	7.5	7.5
10. State Parks	1	7.5	7.5
11. Prisons & Prison Farms	1	10	10
13. Schools	2	18	9
15. Municipal (Water Supply)	1	15	15
III. Food Processing			
4. Dairies	9	72.5	8.1
6. Animal and Fowl Foods	6	74	12.3
9. Ice Plants	1	25	25
14. Slaughter Houses	1	15	15
IV. Forest Products			
2. Furniture Factories	1	22.5	22.5
V. Mineral Products			
2. Coal Mines	1	30	30
3. Oil Lines	1	5	5

MISSOURI

Industry	Total No. Served	Total Load KVA	Average Load per Industry
VII Miscellaneous Industrial and Commercial Consumers			
4. Novelties Manufacturing	1	7.5	7.5
7. Amusement Halls	1	5	5
11. Hotels	1	5	5
13. Resort & Tourist Camps	1	15	15
14. Stores, Offices, Filling Stations and Taverns	5	29	5.8
IX Chemicals			
5. Electrolysis	1	5	5
Total	165	1,108.5	6.7

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY, 1940

MONTANA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large Farm Use	22	125	5.7
II. Governmental Services, Utilities and Institutions			
1. Airplane beacons	1	15	15
3. C.C.C. Camps	3	15	5
4. National Park Service	2	82.5	41.3
13. Schools	2	15	7.5
18. Community Centers	1	7.5	7.5
24. Coal Docks	1	15	15
III. Food Processing			
4. Dairies	1	7.5	7.5
7. Flour Mills	1	15	15
8. Grain Elevators	2	16	8
12. Sugar Beet Dumps and Refineries	1	7.5	7.5
VII. Miscellaneous Industrial and Commercial Consumers			
7. Amusement Halls	1	10	10
14. Stores, Offices, Filling Stations and Taverns	1	5	5
Total	39	336	8.6

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY 1940

NEBRASKA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large Farm Use	280	1,418.5	5.1
2. Irrigation	28	375	13
6. Cold Storage (locker)	2	15	7.5
9. Fruit and Vegetable graders and washers	1	5	5
13. Hatcheries, Poultry Farms and Brooders	1	5	5
II. Governmental Services, Utilities and Institutions			
3. CCC Camps	3	50	16.7
14. Municipal (general)	1	15	15
18. Community Centers	1	10	10
III. Food Processing			
6. Animal and Fowl Foods	1	15	15
8. Grain Elevators	4	36	9
11. Sausage Factories	1	7.5	7.5
12. Sugar Beet Dumps and Refineries	3	82.5	27.5
VII. Miscellaneous Industrial and Commercial Consumers			
7. Amusement Halls	2	12.5	6.3
14. Stores, Offices, Filling Stations and Taverns	2	22.5	11.3
TOTAL	330	2,069.5	6.3

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY, 1940

NEVADA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I Farm Industries			
2. Irrigation	2	10	5
II Governmental Services, Utilities			
& Institutions			
13. Schools	4	171.5	42.9
15. Municipal (water supply)	1	15	15
VI Stone, Clay & Glass Products			
5. Glass Sand Processing	2	150	75
9. Gravel Plants	1	75	75
Total	10	421.5	42.2

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY, 1940

NEW JERSEY

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
15. Water Pumps	1	15	15
VII. Miscellaneous Industrial and			
Commercial Consumers			
5. Auto Body Building	1	7.5	7.5
Total	2	22.5	11.3

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY, 1940

NEW MEXICO

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I Farm Industries			
1. Large Farm Use	102	517.5	5.1
2. Irrigation	102	1455	14.3
5. Cold Storage (general)	3	20	6.7
8. Fur Farm	4	42.5	10.7
9. Fruit and Vegatable Graders & Washers	5	25	5
II Governmental Services, Utilities & Institutions			
3. C. C. C. Camps	2	30	15
13. Schools	2	10	5
19. Wholesale Light & Power	2	107.5	53.8
23. Railroad Pumps	1	45	45
III Forest Products			
1. Box Factories	1	10	10
3. Lumber Yards & Planing Mills	1	10	10
IV Miscellaneous Industrial and Commercial Consumers			
11. Hotels	1	20	20
14. Stores, Offices, Filling Stations, & Taverns	5	35	7
Total	231	2,327.5	10.1

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY 1940

NORTH CAROLINA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
7. Farmers Cooperatives	1	10	10
II. Governmental Services, Utilities and Institutions			
3. C.C.C. Camps	1	15	15
15. Municipal (Water Supply)	1	45	45
III. Food Processing			
4. Dairies	1	10	10
6. Animal & Fowl Foods	5	80	16
IV. Forest Products			
5. Woodworking Plants	1	5	5
VII. Miscellaneous Industrial and Commercial Consumers			
14. Stores, Offices, Filling Stations and Taverns	1	5	5
VIII. Textiles & Textile Products			
3. Hosiery Mills	1	5	5
6. Miscellaneous Textile Mfg.	1	150	150
TOTAL	13	325	25

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY 1940

NORTH DAKOTA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large Farm Use	2	10	5
III. Food Processing			
8. Grain Elevators	18	262.5	34.3
TOTAL	20	272.5	13.6

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY, 1940

OHIO

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large farm use	26	145	5.6
6. Cold Storage (locker)	2	27.5	13.8
9. Fruit and Vegetable graders and washers	2	20	10
13. Hatcheries, poultry farms and brooders	6	32.5	5.4
16. Refrigeration	2	15	7.5
17. Seed cleaning, drying & Packing	3	15	5
II. Governmental Services, Utilities and Institutions			
3. C.C.C. Camps	1	5	5
9. Soil Conservation Service	2	25	12.5
10. State Parks	1	150	150
13. Schools	12	189	15.8
14. Municipal (general)	1	21.5	21.5
III. Food Processing			
3. Cheese Factories	4	27.5	6.9
4. Dairies	6	30	5
6. Animal & Fowl Foods	6	75	12.5
8. Grain Elevators	4	155	38.8
15. Bakeries	1	5	5
V. Mineral Products			
2. Coal Mines	3	15	5
VI. Stone, Clay and Glass Products			
1. Brick and Tile Manufacturing	2	72.5	36.3
6. Rock Crushing	1	7.5	7.5
8. Stone Quarries	4	347.5	86.9

OHIO

Industry	Total No. Served	Total Load KVA	Average Load per Industry
VII. Miscellaneous Industrial and			
Commercial Consumers			
1. Machine Shops, Blacksmith			
Shops and Blowers	1	5	5
7. Amusement Halls	1	5	5
14. Stores, Offices, Filling			
Stations and Taverns	2	10	5
IX. Chemicals			
2. Fertilizers	2	15	7.5
Total	95	1415.5	14.9

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY, 1940

OKLAHOMA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large Farm Use	28	150	5.4
2. Irrigation	4	50	12.5
3. Cotton gins	1	15	15
11. Fish hatcheries	1	7.5	7.5
16. Refrigeration	1	11	11
II. Governmental Services, Utilities and Institutions			
6. U. S. Dams and Buildings	2	20	10
13. Schools	8	50	6.3
15. Municipal (Water Supply)	1	25	25
19. Wholesale Light and Power	1	15	15
III. Food Processing			
4. Dairies	4	20	5
6. Animal and Fowl Foods	3	35	11.7
8. Grain Elevators	2	10	5
V. Mineral Products			
4. Oil Well Pumps	3	35	11.7
5. Oil Refineries	1	10	10
VII. Miscellaneous Industrial and Commercial Consumers			
1. Machine Shops, Blacksmith Shops and Blowers	5	39	7.8
2. Welders	1	5	5
14. Stores, Offices, Filling Stations and Taverns	1	5	5
Total	67	502.5	7.5

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY 1940

OREGON

AVERAGE CONNECTED LOAD OF INDUSTRIES ON REA LINES

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large Farm Use	12	75	6.3
2. Irrigation	2	10	5
13. Hatcheries, Poultry Farms and Brooders	2	12.5	6.3
14. Nurseries, and Experimental Stations	1	7.5	7.5
II. Governmental Services, Utilities and Institutions			
3. CCC Camps	1	10	10
13. Schools	1	7.5	7.5
III. Food Processing			
4. Dairies	1	7.5	7.5
10. Fruit Packing Plants	1	5	5
IV. Forest Products			
1. Box Factories	1	5	5
4. Sawmills	1	10	10
VII. Miscellaneous Industrial and Commercial Consumers			
14. Stores, Offices, Filling Stations & Taverns	1	10	10
TOTAL	24	160	6.7

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY, 1940

PENNSYLVANIA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large Farm Use	2	12.5	6.3
2. Irrigation	1	5	5
14. Nurseries and experimental stations	1	5	5
II. Governmental Services, Utilities and Institutions			
1. Airplane beacons	1	7.5	7.5
3. C.C.C. Camps	5	37.5	7.5
10. State Parks	1	7.5	7.5
15. Municipal (Water supply)	1	5	5
20. Public Utilities (Miscellaneous)	2	15	7.5
III. Food Processing			
4. Dairies	3	25	8.3
14. Slaughter Houses	1	10	10
IV. Forest Products			
1. Box Factories	1	10	10
3. Lumber Yards and Planing Mills	1	10	10
4. Sawmills	1	10	10
V. Mineral Products			
2. Coal Mines	7	62.5	9
4. Oil Well Pumps	1	15	15
VII. Miscellaneous Industrial and Commercial Consumers			
8. Amusement Parks	1	7.5	7.5

PENNSYLVANIA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
IX. Chemicals			
1. Munitions Manufacturing	1	7.5	7.5
Total	31	252.5	8.1

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY 1940

SOUTH CAROLINA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large Farm Use	5	25	5
II. Governmental Services, Utilities			
and Institutions			
3. C.C.C. Camps	4	30	7.5
6. U. S. Dams and Buildings	1	100	100
10. State Parks	1	57.5	57.5
VI. Stone, Clay and Glass Products			
1. Brick and Tile Manufacturing	2	175	87.5
3. Miscellaneous Clay Products	1	5	5
VII. Miscellaneous Industrial and			
Commercial Consumers			
13. Resort and Tourist Camps	1	5	5
TOTAL	15	397.5	26.7

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY 1940

SOUTH DAKOTA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
2. Irrigation	1	10	10
III. Food Processing			
8. Grain elevators	1	12	12
IV. Forest Products			
1. Box Factories	1	7.5	7.5
TOTAL	3	29.5	9.8

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY 1940

TENNESSEE

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large farm use	2	25	12.5
2. Irrigation	20	405	20.25
3. Cotton gins	58	4,075	70.2
13. Hatcheries, poultry farms and brooders	2	15	7.5
15. Water Pumps	3	41	13.7
17. Seed Cleaning, drying and packing	1	6	6
18. Corn shelling	1	100	100
II. Governmental Services, Utilities and Institutions			
6. U.S. Dams and Buildings	2	50	25
10. State Parks	1	25	25
11. Prisons and Prison Farms	1	300	300
13. Schools	4	95	23.8
14. Municipal (general)	1	5	5
15. Municipal (Water supply)	30	606	20.2
16. Sewage disposal	1	7.5	7.5
17. Street Lighting	5	40	8
18. Community Centers	1	112.5	112.5
21. Railroad Stations	1	15	15
23. Railroad Pumps	1	30	30
24. Coal Docks	1	30	30
25. Gymnasiums	1	15	15
26. Sanitariums	3	476	158.8
28. Radio Broadcasting Stations	1	450	450

TENNESSEE

Industry	Total No. Served	Total Load KVA	Average Load per Industry
III. Food Processing			
2. Canning Factories	1	25	25
3. Cheese Factories	3	50	16.7
4. Dairies	7	145	20.7
5. Distilleries	1	75	75
6. Animal and Fowl Foods	29	595	20.5
7. Flour Mills	8	379	47.4
9. Ice Plants	10	297.5	29.8
10. Fruit Packing Plants	1	17.5	17.5
14. Slaughter houses	1	10	10
16. Cotton Oil Mills	2	1,125	562.5
IV. Forest Products			
3. Lumber Yards and Planing Mills	8	167.5	20.9
5. Woodworking Plants	1	10	10
V. Mineral Products			
2. Coal Mines	2	200	100
3. Phosphate Mines	1	15	15
VI. Stone, Clay and Glass Products			
1. Brick and Tile Manufacturing	1	225	225
3. Miscellaneous Clay Products	1	150	150
6. Rock Crushing	3	382.5	127.5
8. Stone Quarries	3	275	91.7
9. Gravel Plants	3	1,050	350
10. Cement Factories	1	3,750	3,750
11. Lime Manufacturing	1	600	600

TENNESSEE

Industry	Total No. Served	Total Load KVA	Average Load per Industry
VII. Miscellaneous Industrial and Commercial Consumers			
1. Machine Shops, Blacksmith Shops and Blowers	3	65	21.7
3. Tobacco and Cigarette Manufactures	6	71	11.8
6. Household Appliances Manufacturing	2	645	322.5
11. Hotels	1	62.5	62.5
12. Motion Picture Theaters	6	218	36.3
VIII. Textiles and Textile Products			
2. Clothing Manufacturing	7	484.5	69.2
3. Hosiery Mills	3	490	163.3
5. Silk and Rayon Products Manufacturing	1	75	75
IX. Chemicals			
6. Paint and Pigment Manufacturing	1	45	45
TOTAL	259	18,624	71.6

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY 1940

TEXAS

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large Farm Use	23	142.5	6.2
2. Irrigation	132	3,730.5	28.3
3. Cotton Gin	6	287.5	47.9
5. Cold storage (general)	1	25	25
7. Farmers Cooperatives	1	15	15
13. Hatcheries, poultry farms and brooders	2	15	7.5
14. Nurseries, and experimental stations	1	10	10
II. Governmental Services, Utilities and Institutions			
1. Airplane Beacons	4	20	5
3. CCC Camps	2	17.5	8.8
5. Radio Range Stations	2	12.5	6.3
9. Soil Conservation Service	1	25	25
10. State Parks	2	10	5
13. Schools	5	30	3
15. Municipal (water supply)	3	22.5	7.5
16. Sewage Disposal	1	5	5
25. Gymnasiums	1	10	10
III. Food Processing			
4. Dairies	16	105	6.6
6. Animal & Fowl Foods	15	165	11
8. Grain Elevators	2	20	10
9. Ice Plants	1	7.5	7.5
10. Fruit Packing Plants	1	7.5	5
13. Sugar Cane Presses & Refineries	1	5	5
17. Dehydrating Plants	1	200	200

TEXAS

Industry	Total No. Served	Total Load KVA	Average Load per Industry
IV. Forest Products			
2. Furniture Factories	1	10	10
4. Lumber Yards & Planing Mills	1	5	5
V. Mineral Products			
3. Oil Lines	1	10	10
4. Oil Well Pumps	2	12.5	6.3
7. Graphite Mines	1	75	75
VII. Miscellaneous Industrial and Commercial Consumers			
1. Machine Shops, Blacksmith Shops and Blowers	3	17.5	5.8
2. Welders	2	15	7.5
6. Household Appliances Mfg.	1	15	15
8. Amusement Parks	1	15	15
13. Resort & Tourist Camps	2	10	5
14. Stores, Offices, Filling Stations & Taverns	3	17.5	5.8
VIII. Textiles & Textile Products			
6. Miscellaneous Textile Mfg.	1	5	5
TOTAL	243	5,095.5	21

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY, 1940

UTAH

Industry	Total No. Served	Total Load KVA	Average Load per Industry
II. Governmental Services, Utilities and Institutions			
3. C.C.C. Camps	1	10	10
4. National Park Service	1	10	10
IV. Forest Products			
4. Sawmills	1	10	10
V. Mineral Products			
5. Oil Refineries	1	5	5
VII. Miscellaneous Industrial and Commercial Consumers			
12. Motion Picture Theaters	2	25	12.5
Total	6	60	10

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY, 1940

VERMONT

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large farm use	3	15	5
II. Governmental Services, Utilities			
and Institutions			
17. Street Lighting	1	5	5
Total	4	20	5

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY 1940

VIRGINIA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large Farm Use	4	32.5	8.1
6. Cold Storage (Locker)	2	142.5	71.3
13. Hatcheries, Poultry Farms and Brooders	4	50	12.5
II. Governmental Services, Utilities and Institutions			
3. C.C.C. Camps	2	15	7.5
13. Schools	4	25	6.5
22. Railroad Round Houses	1	75	75
23. Railroad Pumps	1	30	30
III. Food Processing			
1. Beverage Bottling	1	5	5
4. Dairies	1	5	5
6. Animal & Fowl Foods	5	39	7.8
7. Flour Mills	1	30	30
IV. Forest Products			
3. Lumber Yards & Planing Mills	1	30	30
4. Sawmills	1	10	10
TOTAL	28	489	17.5

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY, 1940

WASHINGTON

AVERAGE CONNECTED LOAD OF INDUSTRIES ON REA LINES

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I Farm Industries			
1. Large Farm Use	114	622.5	5.5
2. Irrigation	11	80	7.3
11. Fish Hatcheries	1	5	5
II Governmental Service, Utilities & Institutions			
1. Airplane Beacons	2	10	5
3. C. C. C. Camps	1	7.5	7.5
III Food Processing			
6. Animal & Fowl Foods	2	10	5
8. Grain Elevators	4	40	10
IV Forest Products			
3. Lumber Yards & Planing Mills	1	5	5
VII Miscellaneous Industries and Comercial Consumers			
13. Resort & Tourist Camps	4	22.5	5.7
14. Stores, Offices, Filling Stations and Taverns	7	55	7.9
Total	147	857.5	5.8

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY 1940

WEST VIRGINIA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
IV. Forest Products			
3. Lumber Yards & Planing Mills	1	5	5
TOTAL	1	5	5

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY 1940

WISCONSIN

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large Farm Use	19	100	5.3
4. Cranberry Marshes	1	5	5
8. Fur Farms	5	77.5	15.5
13. Hatcheries, Poultry Farms and Brooders	2	10	5
17. Seed cleaning, Drying & Packing	1	17.5	17.5
II. Governmental Services, Utilities and Institutions			
2. Airplane fields	1	5	5
3. CCC Camps	4	35	8.8
4. National Park Service	1	15	15
5. Radio Range Stations	1	7.5	7.5
13. Schools	1	8	8
21. Railroad Stations	1	5	5
III. Food Processing			
3. Cheese Factory	48	265	5.5
4. Dairies	25	369	14.7
6. Animal & Fowl Foods	3	65	21.7
14. Slaughter Houses	2	18.5	9.3
IV. Forest Products			
3. Lumber Yards & Planing Mills	1	15	15
5. Woodworking Plants	2	12.5	6.3

WISCONSIN

Industry	Total No. Served	Total Load KVA	Average Load per Industry
VII. Miscellaneous Industrial and			
Commercial Consumers			
1. Machine shop, blacksmith shops			
and blowers	2	12.5	6.3
7. Amusement Halls	3	22.5	7.5
8. Amusement Parks	1	5	5
9. Construction Companies	1	7.5	7.5
11. Hotels	1	5	5
13. Resort and Tourist Camps	1	5	5
14. Stores, offices, filling			
stations and taverns	8	45	5.6
IX. Chemicals			
1. Munitions Manufacturing	1	15	15
2. Fertilizers	1	5	5
TOTAL	137	1,153	8.4

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY, 1940

WYOMING

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
2. Irrigation	3	15	5
13. Hatcheries, Poultry Farms, & Brooders	1	7.5	7.5
II Governmental Service, Utilities & Institutions			
2. Airplane Fields	2	20	10
13. Schools	4	35	7.5
III Food Processing			
3. Cheese Factories	2	40	20
IV Forest Products			
4. Sawmills	1	45	45
Total	13	162.5	12.5